

**MODEL PERILAKU PENGGUNA DALAM MENINGKATKAN  
KEPUTUSAN PENGGUNAAN DAN LOYALITAS MEREK  
APLIKASI STATISTIK LAPANGBOLA**



**DISERTASI**

diajukan untuk memenuhi sebagian syarat untuk memperoleh gelar Doktor (Dr.)  
Manajemen

Oleh:

**Adam Hermawan  
NIM 2002702**

**PROGRAM STUDI DOKTOR MANAJEMEN  
FAKULTAS PENDIDIKAN EKONOMI DAN BISNIS  
UNIVERSITAS PENDIDIKAN INDONESIA  
2025**

**MODEL PERILAKU PENGGUNA DALAM MENINGKATKAN  
KEPUTUSAN PENGGUNAAN DAN LOYALITAS MEREK  
APLIKASI STATISTIK LAPANGBOLA**

Oleh:

**Adam Hermawan**

S.Kom, Universitas Komputer Indonesia, 2015

MBA, Institut Teknologi Bandung, 2017

diajukan untuk memenuhi sebagian syarat untuk memperoleh gelar Doktor (Dr.)  
Manajemen

© Adam Hermawan 2025

Universitas Pendidikan Indonesia

Juni 2025

Hak cipta dilindungi undang-undang

Disertasi ini tidak boleh diperbanyak seluruhnya atau sebagian,  
Dengan dicetak ulang, difoto kopi, atau cara lainnya tanpa izin dari penulis

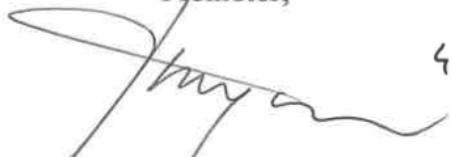
## HALAMAN PENGESAHAN

ADAM HERMAWAN

### MODEL PERILAKU PENGGUNA DALAM MENINGKATKAN KEPUTUSAN PENGGUNAAN DAN LOYALITAS MEREK APLIKASI STATISTIK LAPANGBOLA

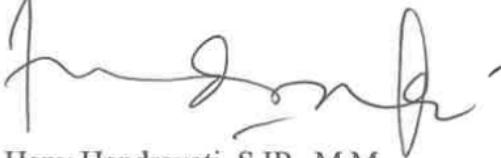
disetujui dan disahkan oleh panitia disertasi:

Promotor,



Prof. Dr. Hj. Ratih Hurriyati, M.P.  
NIP. 1968022519933012002

Ko-Promotor,



Dr. Heny Hendrayati, S.I.P., M.M.  
NIP. 197610112005012002

Anggota,



Dr. Mokh. Adib Sultan, ST., MT.  
NIP. 198103102009121002

Mengetahui,  
Ketua Program Studi Doktor Manajemen



Dr. Maya Sari, SE., MM.  
NIP. 197107052002122007

## ABSTRAK

Adam Hermawan (2002702). *Model Perilaku Pengguna dalam Meningkatkan Keputusan Penggunaan dan Loyalitas Merek Aplikasi Statistik Lapangbola*. Di bawah bimbingan promotor Prof. Dr. Hj. Ratih Hurriyati, M.P., ko-promotor Dr. Heny Hendrayati, S.I.P., M.M., dan anggota promotor Dr. Mokh. Adib Sultan, ST., MT.

Loyalitas merek pada platform digital semakin dipengaruhi oleh pengalaman pengguna dan kebiasaan pengguna dalam mengonsumsi media, namun model *Unified Theory of Acceptance and Use of Technology* (UTAUT) klasik belum mengakomodasi variabel tersebut dalam konteks aplikasi olahraga. Penelitian ini mengisi gap terkait dengan pengembangan model perilaku pengguna berbasis integrasi UTAUT dan *digital media habit* dalam menjelaskan pengaruh keputusan penggunaan terhadap loyalitas merek, serta gap terkait minimnya studi yang menelaah loyalitas pengguna aplikasi statistik sepak bola secara komprehensif di tengah menurunnya tingkat loyalitas pengguna Lapangbola. Penelitian ini bertujuan untuk mengembangkan model perilaku pengguna dengan mengintegrasikan UTAUT dan variabel *digital media habit*, guna meningkatkan keputusan penggunaan dan loyalitas merek terhadap aplikasi statistik Lapangbola. Populasi penelitian terdiri atas 14.000 pengguna aktif platform live.lapangbola.com, dengan 189 responden yang dipilih secara acak (*Simple Random Sampling*). Pengumpulan data dilakukan melalui survey online, dan analisis data menggunakan *Partial Least Squares* (PLS) dengan SmartPLS 3.27. Hasil penelitian menunjukkan bahwa *Performance Expectancy*, *Effort Expectancy*, dan *Digital Media Habit* secara signifikan mempengaruhi keputusan penggunaan aplikasi, sedangkan *Social Influence* dan *Facilitating conditions* tidak berpengaruh signifikan. Keputusan penggunaan terbukti memediasi hubungan antara variabel-variabel tersebut dengan loyalitas merek. Penelitian ini menawarkan perluasan teori dengan memasukkan aspek *digital media habit* yang relevan di era digitalisasi saat ini. Kontribusi penelitian ini terletak pada pembangunan model yang lebih komprehensif untuk menjelaskan adopsi dan loyalitas pengguna aplikasi olahraga berbasis digital, menyempurnakan teori loyalitas merek dalam sektor digital, memperluas pengetahuan terkait perilaku konsumen digital, dan memperkaya teori pemasaran digital.

**Kata Kunci:** *Brand Loyalty, Decision to use, Digital Media Habit, Lapangbola, PLS-SEM, UTAUT.*

## ***ABSTRACT***

Adam Hermawan (2002702). ***Model Perilaku Pengguna dalam Meningkatkan Keputusan Penggunaan dan Loyalitas Merek Aplikasi Statistik Lapangbola.*** Supervised by promotor Prof. Dr. Hj. Ratih Hurriyati, M.P., co-promotor Dr. Heny Hendrayati, S.I.P., M.M., and promotor member Dr. Mokh. Adib Sultan, ST., MT.

*Brand loyalty on digital platforms is increasingly shaped by user experience and media-consumption habits; however, the classical Unified Theory of Acceptance and Use of Technology (UTAUT) has yet to incorporate these variables in the context of sports applications. This study addresses the theoretical gap concerning the integration of UTAUT with digital media habit to explain the effect of decision to use on brand loyalty, and the empirical gap arising from the scarcity of comprehensive investigations into the loyalty of football-statistics app users, particularly amid the declining loyalty of Lapangbola users. The research aims to develop a user-behaviour model that integrates UTAUT constructs with the digital media habit variable to enhance decision to use and brand loyalty toward the Lapangbola statistics application. The study population comprises 14,000 active users of the live.lapangbola.com platform, from which 189 respondents were selected through simple random sampling. Data were collected via an online survey and analysed using Partial Least Squares (PLS) in SmartPLS 3.27. The results indicate that Performance Expectancy, Effort Expectancy, and Digital Media Habit significantly influence decision to use, whereas Social Influence and Facilitating Conditions do not exert a significant effect. The decision to use are shown to mediate the relationships between the aforementioned variables and brand loyalty. By incorporating digital media habit—a construct highly pertinent in the current era of digitalisation—this study extends existing theory. The contribution of this research lies in building a more comprehensive model to explain the adoption and loyalty of digital-based sports application users, refining the theory of brand loyalty in the digital sector, expanding knowledge related to digital consumer behavior, and enriching digital marketing theory.*

**Keywords:** Brand Loyalty, Decision to use, Digital Media Habit, Lapangbola, PLS-SEM, UTAUT.

## DAFTAR ISI

|   |           |
|---|-----------|
| <b>HALAMAN PENGESAHAN .....</b>                               | i         |
| <b>PERNYATAAN BEBAS PLAGIARISME.....</b>                      | ii        |
| <b>KATA PENGANTAR .....</b>                                   | iii       |
| <b>UCAPAN TERIMA KASIH .....</b>                              | iv        |
| <b>ABSTRAK .....</b>  | vi        |
| <b>ABSTRACT .....</b>   | vii       |
| <b>DAFTAR ISI .....</b>                                       | viii      |
| <b>DAFTAR TABEL .....</b>                                     | xi        |
| <b>DAFTAR GAMBAR .....</b>                                    | xii       |
| <b>BAB I PENDAHULUAN .....</b>                                | 1         |
| 1.1    Latar Belakang Penelitian.....                         | 1         |
| 1.2    Rumusan Masalah.....                                   | 9         |
| 1.3    Tujuan Penelitian .....                                | 10        |
| 1.4    Manfaat Penelitian .....                               | 10        |
| 1.4.1    Manfaat Teoritis.....                                | 11        |
| 1.4.2    Manfaat Praktis .....                                | 11        |
| 1.5    Struktur Organisasi Disertasi .....                    | 12        |
| <b>BAB II TINJAUAN PUSTAKA, KERANGKA PEMIKIRAN, HIPOTESIS</b> | <b>14</b> |
| 2.1    Tinjauan Pustaka.....                                  | 14        |
| 2.1.1    Pendekatan Teori yang digunakan .....                | 14        |
| 2.1.2    Konsep Manajemen Pemasaran .....                     | 17        |
| 2.1.3    Konsep dan Model Penerimaan .....                    | 18        |
| 2.1.4 <i>Performance Expectancy (PE)</i> .....                | 26        |
| 2.1.5 <i>Effort Expectancy (EE)</i> .....                     | 26        |
| 2.1.6 <i>Social Influence (SI)</i> .....                      | 26        |
| 2.1.7 <i>Facilitating Conditions (FC)</i> .....               | 27        |
| 2.1.8 <i>Digital Media Habit</i> .....                        | 27        |
| 2.1.9 <i>Decision to Use</i> .....                            | 33        |
| 2.1.10    Loyalitas Merek .....                               | 34        |
| 2.1.11    Penelitian Terdahulu .....                          | 36        |
| 2.2    Kerangka Pemikiran .....                               | 43        |
| 2.3    Hipotesis .....  | 45        |
| <b>BAB III METODE PENELITIAN.....</b>                         | <b>47</b> |
| 3.1    Desain Penelitian .....                                | 47        |
| 3.2    Lokasi dan Unit Observasi.....                         | 47        |
| 3.3    Variabel Penelitian.....                               | 47        |
| 3.3.1    Definisi Variabel dan Pengukurannya .....            | 47        |
| 3.3.2    Operasionalisasi Variabel .....                      | 48        |
| 3.4    Jenis dan Sumber Data.....                             | 55        |
| 3.5    Populasi dan Sampel.....                               | 55        |

Adam Hermawan, 2025

*MODEL PERILAKU PENGGUNA DALAM MENINGKATKAN KEPUTUSAN PENGGUNAAN DAN  
LOYALITAS MEREK APLIKASI STATISTIK LAPANGBOLA*

Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu

|   |  |            |
|---|--|------------|
| 3.5.1                                     | Populasi.....  | 55         |
| 3.5.2                                     | Sampel .....   | 56         |
| 3.6                                       | Instrumen Penelitian .....   | 57         |
| 3.7                                       | Validitas dan Reliabilitas .....   | 58         |
| 3.7.1                                     | Uji Validitas .....  | 58         |
| 3.7.2                                     | Uji Reliabilitas .....   | 58         |
| 3.8                                       | Instrumen Penelitian .....   | 59         |
| 3.9                                       | Prosedur Penelitian .....  | 60         |
| 3.10                                      | Hipotesis Statistik .....  | 61         |
| 3.11                                      | Teknis Analisis Data.....  | 62         |
| 3.12                                      | Kriteria Keputusan Hasil Penelitian .....  | 69         |
| <b>BAB IV HASIL PENELITIAN .....</b>      |  | <b>70</b>  |
| 4.1                                       | Deskripsi Responden .....  | 70         |
| 4.1.1                                     | Deskripsi Responden Penelitian berdasarkan Pengguna .....                          | 70         |
| 4.1.2                                     | Deskripsi Responden Penelitian Berdasarkan Lama Penggunaan.....                    | 71         |
| 4.2                                       | Deskripsi Variabel Penelitian .....  | 71         |
| 4.2.1                                     | Deskripsi Variabel <i>Performance Expectancy</i> (PE).....                         | 72         |
| 4.2.2                                     | Deskripsi Variabel <i>Social influence</i> (SI) .....                              | 74         |
| 4.2.3                                     | Deskripsi Variabel <i>Effort expectancy</i> (EE).....                              | 76         |
| 4.2.4                                     | Deskripsi Variabel <i>Facilitating conditions</i> (FC) .....                       | 77         |
| 4.2.5                                     | Deskripsi Variabel <i>Digital Media Habit</i> (DMH).....                           | 79         |
| 4.2.6                                     | Deskripsi Variabel <i>Decision to Use</i> (DTU).....                               | 81         |
| 4.2.7                                     | Deskripsi Variabel <i>Brand Loyalty</i> (BL).....                                  | 82         |
| 4.3                                       | Analisis Hasil Penelitian.....   | 84         |
| 4.3.1                                     | <i>Measurement Model (Outer Model)</i> .....                                       | 84         |
| 4.3.2                                     | Analisis Inner Model .....   | 98         |
| 4.3.3                                     | Hipotesis Penelitian .....   | 107        |
| <b>BAB V PEMBAHASAN.....</b>              |  | <b>111</b> |
| 5.1                                       | Deskripsi Umum Lapangbola .....  | 111        |
| 5.2                                       | Gambaran Model UTAUT dan <i>Digital Media Habit</i> pada Aplikasi Lapangbola ..... | 112        |
| 5.3                                       | Pengaruh Faktor <i>Decision to Use</i> Pada Aplikasi Lapangbola .....              | 114        |
| 5.4                                       | Pengaruh Faktor Loyalitas merek Pada Aplikasi Lapangbola.....                      | 116        |
| 5.5                                       | Pengaruh Variabel Mediasi Pada Aplikasi Lapangbola .....                           | 118        |
| 5.6                                       | Strategi Pemasaran Digital yang Baru untuk Mengembangkan Bisnis Lapangbola .....   | 120        |
| 5.7                                       | Novelty (Kebaruan) Penelitian .....  | 122        |
| <b>BAB VI SIMPULAN DAN IMPLIKASI.....</b> |  | <b>126</b> |
| 6.1                                       | Simpulan .....   | 126        |
| 6.2                                       | Implikasi .....  | 128        |
| 6.2.1                                     | Implikasi Teoritis.....  | 128        |
| 6.2.2                                     | Implikasi Praktis .....  | 128        |

|       |   |            |
|-------|---|------------|
| 6.2.3 | Implikasi Bisnis .....                        | 129        |
| 6.3   | Rekomendasi.....                              | 129        |
| 6.3.1 | Rekomendasi untuk Bisnis .....                | 129        |
| 6.3.2 | Rekomendasi untuk Penelitian Selanjutnya..... | 130        |
| 6.3.3 | Rekomendasi untuk Pembuat Kebijakan .....     | 130        |
|       | <b>DAFTAR PUSTAKA.....</b>                    | <b>131</b> |
|       | <b>LAMPIRAN .....</b>                         | <b>139</b> |
|       | Lampiran 1. Kuesioner Penelitian .....        | 139        |
|       | Lampiran 2. Surat Izin Penelitian .....       | 157        |
|       | Lampiran 3. Hasil Data Responden .....        | 158        |

## DAFTAR TABEL

|   |     |
|---|-----|
| <b>Tabel 2.1 Perbedaan <i>Theory of Planned Behavior</i> (TPB) dan <i>Technology Acceptance Model</i> (TAM) .....</b> | 23  |
| <b>Tabel 2.2 Penelitian Terdahulu .....</b>   | 36  |
| <b>Tabel 3.1 Operasionalisasi Variabel .....</b>  | 48  |
| <b>Tabel 3.2 Skor Jawaban .....</b>   | 58  |
| <b>Tabel 4.1 Lama Penggunaan Aplikasi Lapangbola.....</b>   | 71  |
| <b>Tabel 4.2 Deskripsi Variabel <i>Performance expectancy</i>.....</b>  | 72  |
| <b>Tabel 4.3 Perhitungan Skor Variabel <i>Performance expectancy</i> .....</b>  | 73  |
| <b>Tabel 4.4 Deskripsi Variabel <i>Social influence</i> (SI) .....</b>  | 74  |
| <b>Tabel 4.5 Perhitungan Skor Variabel <i>Social Influence</i> .....</b>  | 75  |
| <b>Tabel 4.6 Deskripsi Variabel <i>Effort expectancy</i> (EE) .....</b>   | 76  |
| <b>Tabel 4.7 Perhitungan Skor Variabel <i>Effort Expectancy</i> .....</b>   | 77  |
| <b>Tabel 4.8 Deskripsi Variabel <i>Facilitating conditions</i> (FC) .....</b>   | 78  |
| <b>Tabel 4.9 Perhitungan Skor Variabel <i>Facilitating conditions</i>.....</b>  | 79  |
| <b>Tabel 4.10 Deskripsi Variabel <i>Digital Media Habit</i> (DMH).....</b>  | 80  |
| <b>Tabel 4.11 Perhitungan Skor Variabel <i>Digital Media Habit</i> .....</b>  | 81  |
| <b>Tabel 4.12 Deskripsi Variabel <i>Decision to Use</i> (DTU).....</b>  | 81  |
| <b>Tabel 4.13 Perhitungan Skor Variabel <i>Decision to Use</i> .....</b>  | 82  |
| <b>Tabel 4.14 Deskripsi Variabel Loyalitas Merek (BL) .....</b>   | 83  |
| <b>Tabel 4.15 Perhitungan Skor Variabel Loyalitas Merek .....</b>   | 84  |
| <b>Tabel 4.16 Uji <i>Convergent Validity</i> Tahap 1 .....</b>  | 84  |
| <b>Tabel 4.17 Uji <i>Convergent Validity</i> Tahap 2 .....</b>  | 89  |
| <b>Tabel 4.18 Uji <i>Convergent Validity</i> Tahap 3 .....</b>  | 93  |
| <b>Tabel 4.19 <i>Fornell-Lacker Criterion Discriminant Validity</i> .....</b>   | 97  |
| <b>Tabel 4.20 <i>Composite Reliability</i> .....</b>  | 98  |
| <b>Tabel 4.21 <i>Direct Effect</i> .....</b>  | 99  |
| <b>Tabel 4.22 <i>Indirect Effect</i> .....</b>  | 102 |
| <b>Tabel 4.23 <i>Total Effect</i> .....</b>   | 104 |
| <b>Tabel 4.24 <i>R-Square</i> .....</b>   | 106 |
| <b>Tabel 4.25 <i>R Square Adjusted</i>.....</b>   | 106 |

## DAFTAR GAMBAR

|  |            |
|--|------------|
| <b>Gambar 1.1 Data Pengguna Aplikasi Lapangbola tahun 2023 .....</b> | <b>5</b>   |
| <b>Gambar 1.2 Data Pengguna Aplikasi Lapangbola tahun 2024 .....</b> | <b>6</b>   |
| <b>Gambar 2.1 Perkembangan Teori Penerimaan .....</b>                | <b>18</b>  |
| <b>Gambar 2.2 Kerangka UTAUT .....</b>                               | <b>25</b>  |
| <b>Gambar 2.3 Kerangka UTAUT 2.....</b>                              | <b>25</b>  |
| <b>Gambar 2.4 Kerangka Pemikiran Model Perilaku Pengguna .....</b>   | <b>44</b>  |
| <b>Gambar 2.5 Paradigma Antarvariabel.....</b>                       | <b>45</b>  |
| <b>Gambar 3.1 Model Struktural Penelitian.....</b>                   | <b>64</b>  |
| <b>Gambar 4.1 Pengguna Aplikasi Lapangbola .....</b>                 | <b>70</b>  |
| <b>Gambar 4.2 Hasil Pengolahan Data Tahap III .....</b>              | <b>96</b>  |
| <b>Gambar 5.1 <i>Digital Habit-Driven Loyalty Model</i> .....</b>    | <b>124</b> |

## DAFTAR PUSTAKA

- Abbas Naqvi, M. H., Jiang, Y., Miao, M., & Naqvi, M. H. (2020). The effect of social influence, trust, and entertainment value on social media use: Evidence from Pakistan. *Cogent Business and Management*, 7(1). <https://doi.org/10.1080/23311975.2020.1723825>
- Abdool, S., Abdallah, S., Akhlaq, S., & Razzak, H. A. (2021). User acceptance level of and attitudes towards telemedicine in the United Arab Emirates a quantitative study. *Sultan Qaboos University Medical Journal*, 21(2), e203–e209. <https://doi.org/10.18295/squmj.2021.21.02.008>
- AbdulHussein, A., Dimitrov, S., & Cozzarin, B. (2024). Demographic analysis of online grocery shopping during the COVID-19 pandemic: a theoretical perspective with an expanded technology acceptance model. *Cogent Business and Management*, 11(1). <https://doi.org/10.1080/23311975.2024.2336712>
- Ahalawat, K., Tiwari, R., Johri, A., Wasiq, M., & Sharma, A. (2024). Determinants influencing the adoption behavior of Indian consumers in reference to online pharmacy purchases. *Cogent Business and Management*, 11(1). <https://doi.org/10.1080/23311975.2024.2436136>
- Ahmad, N. (2021). Is Our Digital Life Sustainable? A Brief Review of Digitalization's Impact on Consumer Choice. ビジネス & アカウンティングレビュー, 28.
- Ajzen, I. (2020). The theory of planned behavior: Frequently asked questions. *Human Behavior and Emerging Technologies*, 2(4), 314–324. <https://doi.org/https://doi.org/10.1002/hbe2.195>
- Albanna, H., Alalwan, A. A., & Al-Emran, M. (2022). An integrated model for using social media applications in non-profit organizations. *International Journal of Information Management*, 63, 102452. <https://doi.org/10.1016/J.IJINFOMGT.2021.102452>
- Alghizzawi, M., Habes, M., Hailat, K. Q., Safori, A., & Angawi, M. (2024). Understanding the Effectiveness of Digital Media Marketing on Sports Brand Loyalty: A Review. Dalam *Studies in Computational Intelligence* (Vol. 1151, hlm. 215–225). Springer Science and Business Media Deutschland GmbH. [https://doi.org/10.1007/978-3-031-56015-6\\_17](https://doi.org/10.1007/978-3-031-56015-6_17)
- Ali, F., Suveatwatanakul, C., Nanu, L., Ali, M., & Terrah, A. (2024). Social media marketing and brand loyalty: exploring interrelationships through symmetrical and asymmetrical modeling. *Spanish Journal of Marketing - ESIC*. <https://doi.org/10.1108/SJME-08-2023-0219>
- Almeida, C. H., & Leite, W. S. (2021). Professional football in times of COVID-19: Did the home advantage effect disappear in European domestic leagues? *Biology of Sport*, 38(4), 693–701. <https://doi.org/10.5114/biolsport.2021.104920>
- Ammenwerth, E. (2019). Technology Acceptance Models in ealth nformatics: TAM and UTAUT. *Studies in Health Technology and Informatics*, 263, 64–71. <https://doi.org/10.3233/SHTI190111>

- Bagozzi, R. P. (2007). The legacy of the technology acceptance model and a proposal for a paradigm shift. *Journal of the Association for Information Systems*, 8(4), 244–254. <https://doi.org/10.17705/1jais.00122>
- Bai, B., & Guo, Z. (2022). Understanding Users' Continuance Usage Behavior Towards Digital Health Information System Driven by the Digital Revolution Under COVID-19 Context: An Extended UTAUT Model. *Psychology Research and Behavior Management*, 15, 2831–2842. <https://doi.org/10.2147/PRBM.S364275>
- Beglou, R. R., Safaei, Z., & Khosravi, A. (2024). A Model for Branding in Iranian Medical Libraries and Information Centers According to the Aaker Model: A Qualitative Study. *International Journal of Information Science and Management*, 22(2), 211–235. <https://doi.org/10.22034/ijism.2024.1999779.1087/DOR>
- Berman, P. S., Jones, J., & Udry, J. R. (2020). *Research design* (Vol. 437). The SAGE Handbook of Political Science.
- Bilro, R. G., & Loureiro, S. M. C. (2020). A consumer engagement systematic review: synthesis and research agenda. Dalam *Spanish Journal of Marketing - ESIC* (Vol. 24, Nomor 3, hlm. 283–307). Emerald Group Holdings Ltd. <https://doi.org/10.1108/SJME-01-2020-0021>
- Buhler, R. N., De Oliveira Santini, F., Junior Ladeira, W., Rasul, T., Perin, M. G., & Kumar, S. (2024). Customer loyalty in the banking sector: a meta-analytic study. *International Journal of Bank Marketing*, 42(3), 513–535. <https://doi.org/10.1108/IJBM-08-2023-0484>
- Cao, Y., & Wang, J. (2024). Occupational moderation in food delivery platforms: a UTAUT-based analysis of consumer purchase intentions. *British Food Journal*, 127(13), 114–136. <https://doi.org/10.1108/BFJ-07-2024-0674>
- Caulfield, J., & Jha, A. K. (2022). Stadiums and Digitalization: An Exploratory Study of Digitalization in Sports Stadiums. *Journal of Decision Systems*, 31(S1), 331–340. <https://doi.org/10.1080/12460125.2022.2073629>
- Chang, C. W., & Chang, S. H. (2023). The Impact of Digital Disruption: Influences of Digital Media and Social Networks on Forming Digital Natives' Attitude. *SAGE Open*, 13(3). <https://doi.org/10.1177/21582440231191741>
- Chatterjee, S., Rana, N. P., Dwivedi, Y. K., & Baabdullah, A. M. (2021). Understanding AI adoption in manufacturing and production firms using an integrated TAM-TOE model. *Technological Forecasting and Social Change*, 170, 120880. <https://doi.org/10.1016/J.TECHFORE.2021.120880>
- Chen, C. Y., Chou, Y. L., Lin, Y. H., & Lin, Y. K. (2025). Sport fans' curiosity and impulsive buying: mediation of social media use intensity. *Frontiers in Sports and Active Living*, 7. <https://doi.org/10.3389/fspor.2025.1519003>
- Chen, L., Chen, G., Ma, S., & Wang, S. (2022). Idol Worship: How Does It Influence Fan Consumers' Brand Loyalty? *Frontiers in Psychology*, 13. <https://doi.org/10.3389/fpsyg.2022.850670>
- Creswell, J. W., & Clark, P. V. L. (2023). Revisiting mixed methods research designs twenty years later. *Handbook of mixed methods research designs*, 1(1), 21–36.

- Damaschi, G., Aboueldahab, A., & D'Addario, M. (2025). Decomposing Brand Loyalty: An Examination of Loyalty Subcomponents, Product Price Range, Consumer Personality, and Willingness to Pay. *Behavioral Sciences*, 15(2). <https://doi.org/10.3390/bs15020189>
- Davis, F. D. (1989). Perceived Usefulness, Perceived Ease of Use, and User Acceptance of Information Technology. *MIS Quarterly*, 13(3), 319–340. <https://doi.org/10.2307/249008>
- Dertli, E., & Dertli, Ş. (2024). *Digital Transformation in Football: The Role of Artificial Intelligence and Metaverse* Futbolda Dijital Dönüşüm: Yapay Zekâ ve Metaverse'İN Rolü (Vol. 2).
- Dwivedi, A., Johnson, L. W., Wilkie, D. C., & De Araujo-Gil, L. (2019). Consumer emotional brand attachment with social media brands and social media brand equity. *European Journal of Marketing*, 53(6), 1176–1204. <https://doi.org/10.1108/EJM-09-2016-0511>
- ElSayad, G., & Mamdouh, H. (2024). Are young adult consumers ready to be intelligent shoppers? The importance of perceived trust and the usefulness of AI-powered retail platforms in shaping purchase intention. *Young Consumers*, 25(6), 969–989. <https://doi.org/10.1108/YC-02-2024-1991>
- Erjavec, J., & Manfreda, A. (2022). Online shopping adoption during COVID-19 and social isolation: Extending the UTAUT model with herd behavior. *Journal of Retailing and Consumer Services*, 65. <https://doi.org/10.1016/j.jretconser.2021.102867>
- Esawe, A. T. (2022). Understanding mobile e-wallet consumers' intentions and user behavior. *Spanish Journal of Marketing - ESIC*, 26(3), 363–384. <https://doi.org/10.1108/SJME-05-2022-0105>
- Fagundes, L., Gomes-e-Souza Munaiyer, C., & Crescitelli, E. (2023). The influence of social media and brand equity on business-to-business marketing. *Revista de Gestao*, 30(3), 299–313. <https://doi.org/10.1108/REGE-07-2021-0114>
- Fuchs, K. (2022). Using an extended technology acceptance model to determine students' behavioral intentions toward smartphone technology in the classroom. *Frontiers in Education*, 7. <https://doi.org/10.3389/feduc.2022.972338>
- García-Salirrosas, E. E., Escobar-Farfán, M., Esponda-Perez, J. A., Millones-Liza, D. Y., Villar-Guevara, M., Haro-Zea, K. L., & Gallardo-Canales, R. (2024). The impact of perceived value on brand image and loyalty: a study of healthy food brands in emerging markets. *Frontiers in Nutrition*, 11. <https://doi.org/10.3389/fnut.2024.1482009>
- Ghorbanzadeh, D., & Rahehagh, A. (2021). Emotional brand attachment and brand love: the emotional bridges in the process of transition from satisfaction to loyalty. *Rajagiri Management Journal*, 15(1), 16–38. <https://doi.org/10.1108/ramj-05-2020-0024>
- Global Sports Innovation Center. (2019). *Digital Transformation of Sports Entities by 2025. How will it look like? The 4-ring model.* [www.sport-gsic.com](http://www.sport-gsic.com)
- Grassini, S., Aasen, M. L., & Møgelvang, A. (2024). Understanding University Students' Acceptance of ChatGPT: Insights from the UTAUT2 Model.

- Applied Artificial Intelligence*, 38(1).  
<https://doi.org/10.1080/08839514.2024.2371168>
- Guo, J. (2022). Influencing Factors of College Students' Use of Sports Apps in Mandatory Situations: Based on UTAUT and SDT. *BioMed Research International*, 2022. <https://doi.org/10.1155/2022/9378860>
- Gurtner, N., Gurtner, S., Laub, L., Zuber, A., & von Däniken, T. (2024). Same same, but different: consumers' decision-making process and psychological disempowerment in the digital society. *Journal of Marketing Theory and Practice*. <https://doi.org/10.1080/10696679.2024.2361431>
- Hair, J. F., Hult, G. T. M., Ringle, C. M., Sarstedt, M., Danks, N. P., & Soumya Ray. (2021). *Classroom Companion: Business Partial Least Squares Structural Equation Modeling (PLS-SEM) Using R AAWorkbook*. Springer. <http://www>.
- Hasan, A., Alenazy, A. A., Habib, S., & Husain, S. (2024). Examining the drivers and barriers to adoption of e-government services in Saudi Arabia. *Journal of Innovative Digital Transformation*. <https://doi.org/10.1108/jidt-09-2023-0019>
- Hossain, M. Z., & Kibria, H. (2024). Exploring the Evolution of Brand Loyalty in the Age of Social Media. *Journal of Service Science and Management*, 17(03), 219–247. <https://doi.org/10.4236/jssm.2024.173011>
- Hu, S., Laxman, K., & Lee, K. (2020). Exploring factors affecting academics' adoption of emerging mobile technologies—an extended UTAUT perspective. *Education and Information Technologies*, 25(5), 4615–4635. <https://doi.org/10.1007/s10639-020-10171-x>
- Huang, Q., Li, X., & Wang, D. (2025). Social influence and the choice of product upgrades: evidence from virtual product adoption in online games. *Internet Research*, 35(1), 54–79. <https://doi.org/10.1108/INTR-01-2022-0021>
- Jeon, H. M., Sung, H. J., & Kim, H. Y. (2020). Customers' acceptance intention of self-service technology of restaurant industry: expanding UTAUT with perceived risk and innovativeness. *Service Business*, 14(4), 533–551. <https://doi.org/10.1007/s11628-020-00425-6>
- Kang, H. (2021). Sample size determination and power analysis using the G\*Power software. Dalam *Journal of Educational Evaluation for Health Professions* (Vol. 18). Korea Health Personnel Licensing Examination Institute. <https://doi.org/10.3352/JEEHP.2021.18.17>
- Kaplan, A., & Haenlein, M. (2020). Rulers of the world, unite! The challenges and opportunities of artificial intelligence. *Business Horizons*, 63(1), 37–50. <https://doi.org/10.1016/J.BUSHOR.2019.09.003>
- Kaye, S. A., Lewis, I., Forward, S., & Delhomme, P. (2020). A priori acceptance of highly automated cars in Australia, France, and Sweden: A theoretically-informed investigation guided by the TPB and UTAUT. *Accident Analysis and Prevention*, 137. <https://doi.org/10.1016/j.aap.2020.105441>
- Kim, J., & Lee, K. S. S. (2022). Conceptual model to predict Filipino teachers' adoption of ICT-based instruction in class: using the UTAUT model. *Asia Pacific Journal of Education*, 42(4), 699–713. <https://doi.org/10.1080/02188791.2020.1776213>

- Kotler, Philip., Keller, K. Lane., Tan, C. Tiong., Ang, S. Hoon., & Leong, S. Meng. (2018). *Marketing management : an Asian perspective*. Pearson Education Limited.
- Krasonikolakis, I. (2022). USES AND GRATIFICATIONS THEORY IN E-COMMERCE: HABIT AND SOCIAL PRESENCE. *EURASIAN JOURNAL OF BUSINESS AND MANAGEMENT*, 10(1), 1–18. <https://doi.org/10.15604/ejbm.2022.10.01.001>
- Le, X. C. (2025). Older consumers' positive word-of-mouth toward m-banking: evidence from an emerging market. *Journal of Science and Technology Policy Management*, ahead-of-print(ahead-of-print). <https://doi.org/10.1108/JSTPM-06-2023-0103>
- Lim, W. M., Kumar, S., Pandey, N., Verma, D., & Kumar, D. (2023). Evolution and trends in consumer behaviour: Insights from Journal of Consumer Behaviour. Dalam *Journal of Consumer Behaviour* (Vol. 22, Nomor 1, hlm. 217–232). John Wiley and Sons Ltd. <https://doi.org/10.1002/cb.2118>
- Limayem, M., & Cheung, C. M. K. (2011). Predicting the continued use of Internet-based learning technologies: The role of habit. *Behaviour and Information Technology*, 30(1), 91–99. <https://doi.org/10.1080/0144929X.2010.490956>
- Mansouri, H., Sadeghi Boroujerdi, S., & Md Husin, M. (2022). The influence of sellers' ethical behaviour on customer's loyalty, satisfaction and trust. *Spanish Journal of Marketing - ESIC*, 26(2), 267–283. <https://doi.org/10.1108/SJME-09-2021-0176>
- Marroquín-Ciendúa, F., Medina-Labrador, M., Hurtado Méndez, L. C., Mora Hernández, L. P., & Puentes Guzmán, C. N. (2025). Use of UTAUT for analyzing the acceptance and use of electric scooters in the public transport system. *Urban, Planning and Transport Research*, 13(1). <https://doi.org/10.1080/21650020.2025.2458548>
- Mensah, I. K., & Khan, M. K. (2024). Unified Theory of Acceptance and Use of Technology (UTAUT) Model: Factors Influencing Mobile Banking Services' Adoption in China. *SAGE Open*, 14(1). <https://doi.org/10.1177/21582440241234230>
- Miao, M., Numata, H., & Ikeda, K. (2023). A qualitative comparative study of Japanese fashion brands via profiling young shoppers. *International Journal of Retail & Distribution Management*, 51(2), 170–189. <https://doi.org/10.1108/IJRDM-09-2021-0418>
- Musa, H. G., Fatmawati, I., Nuryakin, N., & Suyanto, M. (2024). Marketing research trends using technology acceptance model (TAM): a comprehensive review of researches (2002–2022). Dalam *Cogent Business and Management* (Vol. 11, Nomor 1). Cogent OA. <https://doi.org/10.1080/23311975.2024.2329375>
- Oliver, R. L. (1999). *Whence Consumer Loyalty?*
- Omar, A., Tiwari, V., & Saad, M. (2025). Smart technology's potential in smart destinations: a comprehensive UTAUT model with privacy and safety risk moderation. *Journal of Hospitality and Tourism Technology*, ahead-of-print(ahead-of-print). <https://doi.org/10.1108/JHTT-01-2024-0061>

- Patel, N. K. (2024). Antecedents of consumers' brand switching behavior in mobile service provider. *South Asian Journal of Marketing*, 5(1), 15–31. <https://doi.org/10.1108/sajm-11-2022-0075>
- Rasooli, M., Mahmoudi, A., Mirshekari, N., & Mehri, S. (2024). MARKET ANALYSIS OF SPORTS APPS. *Journal of Advanced Sport Technology*, 8(3), 49–61. <https://doi.org/10.22098/jast.2025.15317.1360>
- Reitsamer, B. F., Stokburger-Sauer, N. E., & Kuhnle, J. S. (2024). How and when effective customer journeys drive brand loyalty: the role of consumer-brand identification. *Journal of Service Management*, 35(6), 109–135. <https://doi.org/10.1108/JOSM-08-2023-0374>
- Richitha, M. M., Rudhra, T., Ch, R. S., Chodisetty, M., Ravi, M., & Bs, C. (2024). Factors Influencing Brand Loyalty from consumer perspective-A Study in Hyderabad Region. *International Journal of Advances in Engineering and Management (IJAEM)*, 6, 651. <https://doi.org/10.35629/5252-0601651656>
- Roh, T., Il Park, B., & Xiao, S. (2023a). ADOPTION OF AI-ENABLED ROBO-ADVISORS IN FINTECH: SIMULTANEOUS EMPLOYMENT OF UTAUT AND THE THEORY OF REASONED ACTION. *Journal of Electronic Commerce Research*, 24, 2023.
- Roh, T., Il Park, B., & Xiao, S. (2023b). ADOPTION OF AI-ENABLED ROBO-ADVISORS IN FINTECH: SIMULTANEOUS EMPLOYMENT OF UTAUT AND THE THEORY OF REASONED ACTION. *Journal of Electronic Commerce Research*, 24(1).
- Sang, N. M. (2023). The influence of social media marketing on brand loyalty and intention to use among young Vietnamese consumers of digital banking. *Innovative Marketing*, 19(4), 1–13. [https://doi.org/10.21511/im.19\(4\).2023.01](https://doi.org/10.21511/im.19(4).2023.01)
- Sang, V. M., & Cuong, M. C. (2025). The influence of brand experience on brand loyalty in the electronic commerce sector: the mediating effect of brand association and brand trust. *Cogent Business and Management*, 12(1). <https://doi.org/10.1080/23311975.2024.2440629>
- Santos, M. A., Dopico-Parada, A., & Cabanelas, P. (2025). Cooking unforgettable experiences: sensory marketing in slow food restaurants. *European Journal of Management and Business Economics*. <https://doi.org/10.1108/EJMBE-05-2024-0174>
- Sekaran, U., & Bougie, R. (2019). *Research Methods for Business*. Wiley. [www.wileypluslearningspace.com](http://www.wileypluslearningspace.com)
- Shahid, S., & Qureshi, J. A. (2022). Consumer empowerment in the digital media marketing age: a comparative literature review and trends across selected countries. *3C Empresa. Investigación y pensamiento crítico*, 11(1), 149–177. <https://doi.org/10.17993/3cemp.2022.110149.149-177>
- Shaikh, I. M., & Amin, H. (2024). Consumers' innovativeness and acceptance towards use of financial technology in Pakistan: extension of the UTAUT model. *Information Discovery and Delivery*, 52(1), 114–122. <https://doi.org/10.1108/IDD-08-2022-0080>
- Shao, Z., Zhang, J., Zhang, L., & Benitez, J. (2024). Uncovering post-adoption usage of AI-based voice assistants: a technology affordance lens using a

- mixed-methods approach. *European Journal of Information Systems*, 1–27. <https://doi.org/10.1080/0960085X.2024.2363322>
- Singh, S., & Somaiya, K. J. (2020). An integrated model combining the ECM and the UTAUT to explain users' post-adoption behaviour towards mobile payment systems. *Australasian Journal of Information Systems Singh*, 24.
- Song, Y., Gui, L., Wang, H., & Yang, Y. (2023). Determinants of Continuous Usage Intention in Community Group Buying Platform in China: Based on the Information System Success Model and the Expanded Technology Acceptance Model. *Behavioral Sciences*, 13(11). <https://doi.org/10.3390/bs13110941>
- Sooprayen, K., Van de Kaa, G., & Pruyn, J. F. J. (2024). Factors for innovation adoption by ports: a systematic literature review. Dalam *Journal of Ocean Engineering and Marine Energy*. Springer Science and Business Media Deutschland GmbH. <https://doi.org/10.1007/s40722-024-00339-9>
- Suhan, M., Nayak, S., Nayak, R., Spulbar, C., Bai, G. V., Birau, R., Anghel, L. C., & Stanciu, C. V. (2022). Exploring the sustainable effect of mediational role of brand commitment and brand trust on brand loyalty: an empirical study. *Economic Research-Ekonomska Istrazivanja*, 35(1), 6422–6444. <https://doi.org/10.1080/1331677X.2022.2048202>
- Survei Ipsos. (2022). *Persentase Penggemar Sepak Bola Berdasarkan Negara (September 2022)*. <https://databoks.katadata.co.id/olahraga/statistik/522de0f585f0915/survei-ipsos-indonesia-punya-penggemar-sepak-bola-terbesar-di-dunia>
- Tomić, N., Kalinić, Z., & Todorović, V. (2023). Using the UTAUT model to analyze user intention to accept electronic payment systems in Serbia. *Portuguese Economic Journal*, 22(2), 251–270. <https://doi.org/10.1007/s10258-022-00210-5>
- Tran, T., Sen, S., & Van Steenburg, E. (2023). This ad's for you: how personalized SNS advertisements affect the consumer–brand relationship. *Journal of Consumer Marketing*, 40(4), 458–469. <https://doi.org/10.1108/JCM-12-2021-5070>
- Tripathi, V. V. R., Srivastava, M. K., Jaiswal, R., Singh, T. D., & Khaled, A. S. D. (2024). Marketing logistics and consumer behaviour: an empirical study on Indian e-shoppers. *Cogent Business and Management*, 11(1). <https://doi.org/10.1080/23311975.2024.2397559>
- Venkatesh, V., Morris, M. G., Davis, G. B., & Davis, F. D. (2003). User Acceptance of Information Technology: Toward a Unified View. Dalam *Source: MIS Quarterly* (Vol. 27, Nomor 3).
- Venkatesh, V., Walton, S. M., Thong, J. Y. L., & Xu, X. (2012). CONSUMER ACCEPTANCE AND USE OF INFORMATION TECHNOLOGY: EXTENDING THE UNIFIED THEORY OF ACCEPTANCE AND USE OF TECHNOLOGY. Dalam *MIS Quarterly* (Vol. 36, Nomor 1). <http://ssrn.com/abstract=2002388>
- Wang, C., Wu, G., Zhou, X., & Lv, Y. (2022). An Empirical Study of the Factors Influencing User Behavior of Fitness Software in College Students Based on

- UTAUT. *Sustainability* (Switzerland), 14(15).  
<https://doi.org/10.3390/su14159720>
- Wei, J. (2023). ARE SATISFIED CONSUMERS WILLING TO BE LOYAL? A QUALITATIVE STUDY OF CHINESE CONSUMERS. *Journal of Consumer Satisfaction, Dissatisfaction and Complaining Behavior*, 36(2), 2023–2064.
- Yan, J., Ali, I., Ali, R., & Chang, Y. (2022). The Power of Affection: Exploring the Key Drivers of Customer Loyalty in Virtual Reality-Enabled Services. *Frontiers in Psychology*, 13. <https://doi.org/10.3389/fpsyg.2022.850896>
- Yang, H. J., Lee, J.-H., & Lee, W. (2025). Factors Influencing Health Care Technology Acceptance in Older Adults Based on the Technology Acceptance Model and the Unified Theory of Acceptance and Use of Technology: Meta-Analysis. *Journal of Medical Internet Research*, 27, e65269. <https://doi.org/10.2196/65269>
- Zaid, M. I. (2024). The Effect of Revisiting Technology Acceptance Model on the Behavioral Targeting Declaration. *Journal Dimensie Management and Public Sector*, 5(1), 45–61. <https://doi.org/10.48173/jdmps.v5i1.260>
- Zhao, H., Yao, X., Liu, Z., & Yang, Q. (2021). Impact of Pricing and Product Information on Consumer Buying Behavior With Customer Satisfaction in a Mediating Role. *Frontiers in Psychology*, 12. <https://doi.org/10.3389/fpsyg.2021.720151>
- Zhu, C. (2022). Exploring the role of sports APP in (campus fitness) intelligent solutions using data fusion algorithm and internet of things. *Int. J. Grid Util. Comput.*, 13, 40–48. <https://api.semanticscholar.org/CorpusID:247249494>