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| Reference | Information | Where this will be used |
| *Office for National Statistics (ONS), released 5 January 2023, ONS website, statistical bulletin, Housing, England and Wales: Census 2021* | An increase in the proportion of households that rented their accommodation, to 37.3%, in 2021 (from 34.3%, in 2011). | Introduction |
| *Rightmove (2022) The Rightmove rental trend tracker, Q3 2022* *[Online] Date accessed: 27th February 2023*  *https://hub.rightmove.co.uk/content/uploads/2022/10/Rightmove-Rental-Trends-Tracker-Q3-2022.pdf* | Rightmove has stated that competition amongst tenants to secure a property is at a record high, with tenant demand up 20% compared to 2021, and the number of available properties is down 9%. | Introduction |
| Van Ham, M., 2012. Housing behaviour. *The SAGE handbook of housing studies*, pp.47-65. | When deciding on a property, renters take a variety of its attributes into account such as the price, size, location etc. | Introduction |
| Earnhart, D., 2002. Combining revealed and stated data to examine housing decisions using discrete choice analysis. *Journal of Urban Economics*, *51*(1), pp.143-169. | Tenants are seen to then choose a property that best fits the attributes that they are looking for. | Introduction |
| Deldjoo, Y., Schedl, M., Cremonesi, P. and Pasi, G., 2020. Recommender systems leveraging multimedia content. *ACM Computing Surveys (CSUR)*, *53*(5), pp.1-38. | Recommendation algorithms can identify trends in the human decision-making process and then be used to provide content which is deemed to be of interest to the user. | Introduction |
| Jeong, Y.J., Lee, J.H. and Shin, G.S., 2008, February. Development process of mobile application SW based on agile methodology. In *2008 10th International Conference on Advanced Communication Technology* (Vol. 1, pp. 362-366). IEEE. | Agile methodology | Methodologies |
| Wiertel, P. and Skublewska-Paszkowska, M., 2021. Comparative analysis of UIKit and SwiftUI frameworks in iOS system. *Journal of Computer Sciences Institute*, *20*, pp.170-174. | SwiftUI vs UIKit | Technology Choices - Frontend |
| Gilchrist, E., 2021. SwiftUI vs UIKit: A Case Study on How a Declarative Framework Can Improve Learnability of UI Programming. | Learnability of declarative framework | Technology Choices - Frontend |
| Statista (2022). Most used web frameworks among developers worldwide, as of 2022 [Online] Date Accessed: 28th February 2023 | Most common Backend Frameworks | Technology Choices - Backend |
| Muittari, J., 2020. Modern web back-end. | Details of Backend Frameworks | Technology Choices - Backend |
| Khan, S. and Mane, V., 2013. SQL support over MongoDB using metadata. *International Journal of Scientific and Research Publications*, *3*(10), pp.1-5. | MongoDB Overview | Technology Choices - Database |
| Moschetti, B (2015).  MongoDB vs SQL: Day 14 – Queries [Online]  Date Accessed: 17th March 2023 | MongoDB vs SQL | Technology Choices - Database |
| Elliot, J., Mooney, P (2021). ‘2021 Kaggle Machine Learning & Data Science Survey’. Kaggle. [Online] Date Accessed: 17th March 2023 https://kaggle.com/competitions/kaggle-survey-2021. | Use of machine learning frameworks | Technology Choices – Recommender System |
| Richter, F. (2022).  Amazon, Microsoft & Google Dominate Cloud Market  [Online] Date Accessed: 21st March 2023  https://www.statista.com/chart/18819/worldwide-market-share-of-leading-cloud-infrastructure-service-providers/ | Most popular options | Technology Choices - Deployment |
| Zhang, M. and Liu, Y., 2021. A commentary of TikTok recommendation algorithms in MIT Technology Review 2021. *Fundamental Research*, *1*(6), pp.846-847. | TikTok is one of the world's most attractive and fastest-growing social media platforms. It has more than 2.6 billion downloads globally and over 100 million users in the US. The “secret weapon” is its unique methodology of discovering and delivering content. | Recommendation system example |
| Hwangbo, H., Kim, Y.S. and Cha, K.J., 2018. Recommendation system development for fashion retail e-commerce. *Electronic Commerce Research and Applications*, *28*, pp.94-101. | Ecommerce uses of recommendation systems | Recommendation system example |
| DeVito, M.A., Gergle, D. and Birnholtz, J., 2017, May. " Algorithms ruin everything" # RIPTwitter, Folk Theories, and Resistance to Algorithmic Change in Social Media. In *Proceedings of the 2017 CHI conference on human factors in computing systems* (pp. 3163-3174). | Resistance to algorithmic change | Recommendation Systems – Background |
| Bozdag, E., 2013. Bias in algorithmic filtering and personalization. *Ethics and information technology*, *15*, pp.209-227. | Algorithmically driven content curation has become increasingly common across online platforms such as Facebook | Recommendation Systems – Background |
| Hoadley, C.M., Xu, H., Lee, J.J. and Rosson, M.B., 2010. Privacy as information access and illusory control: The case of the Facebook News Feed privacy outcry. *Electronic commerce research and applications*, *9*(1), pp.50-60. | Resistance to algorithms – Facebook newsfeed | Recommendation systems - considerations |
| Amy Kraft, 2016. Backlash Continues over Instagram’s New Algorithm. [Online] Date Accessed: 27th February 2023 | Resistance to algorithms – Facebook newsfeed | Recommendation systems - considerations |
| Thorat, P.B., Goudar, R.M. and Barve, S., 2015. Survey on collaborative filtering, content-based filtering and hybrid recommendation system. *International Journal of Computer Applications*, *110*(4), pp.31-36. | Content Based vs Collaborative vs Hybrid drawbacks/advantages |  |
| Beck, S.J., 1951. Review of Human behavior and the principle of least effort: An introduction to human ecology. | Individuals adopt the course of action that involves the least work, even if it means sacrificing quality or quantity of information. |  |
| Herbig, P.A. and Kramer, H., 1994. The effect of information overload on the innovation choice process: Innovation overload. *Journal of Consumer Marketing*. | If users are overloaded with information, then they are unable to locate what they need most and may overlook what they consider critical. | Algorithm |
| Shahabi, C. and Chen, Y.S., 2003. Web information personalization: Challenges and approaches. *Databases in Networked Information Systems: Third InternationalWorkshop, DNIS 2003, Aizu, Japan, September 22-24, 2003. Proceedings 13 3*, pp.5-15. | Content based recommendation systems can help to alleviate the problem of information overload. | Content based recommendation system - justification |
| Liang, T.P., Lai, H.J. and Ku, Y.C., 2006. Personalized content recommendation and user satisfaction: Theoretical synthesis and empirical findings. *Journal of Management Information Systems*, *23*(3), pp.45-70. | The number of items recommended to the user and the recommendation accuracy both have significant effects on overall user satisfaction. | Content based recommendation system - justification |
| Mohamed, M.H., Khafagy, M.H. and Ibrahim, M.H., 2019, February. Recommender systems challenges and solutions survey. In *2019 international conference on innovative trends in computer engineering (ITCE)* (pp. 149-155). IEEE. | Recommendation systems are not without their challenges. Cold start, novelty, convergence | Content based recommendation system - justification |
| Effendy, F. and Adhilaksono, B., 2021. Performance Comparison of Web Backend and Database: A Case Study of Node. JS, Golang and MySQL, Mongo DB. *Recent Advances in Computer Science and Communications (Formerly: Recent Patents on Computer Science)*, *14*(6), pp.1955-1961.  Node | NodeJS better for response time | Introduction  Content based recommendation system - justification |
|  |  | Recommendation System - Considerations |
| Bobadilla, J., Ortega, F., Hernando, A. and Gutiérrez, A., 2013. Recommender systems survey. *Knowledge-based systems*, *46*, pp.109-132. | Types of Collaborative Filtering | Recommender System – Design (CF) |
| Rebentrost, P., Steffens, A., Marvian, I. and Lloyd, S., 2018. Quantum singular-value decomposition of nonsparse low-rank matrices. *Physical review A*, *97*(1), p.012327. | SVD Implementation | Recommender System – Design (CF) |
| Koren, Y., Bell, R. and Volinsky, C., 2009. Matrix factorization techniques for recommender systems. *Computer*, *42*(8), pp.30-37. | Use of SVD for Netflix Prize | Recommender System – Design (CF) |
| Statista, 2022. iOS app retention rates worldwide in 3rd quarter 2022 *[Online] Date accessed: 4th March 2023*  https://www.statista.com/statistics/1248207/ios-app-retention-rate/ | Mobile app abandonment |  |
| Provos, N. and Mazieres, D., 1999. Bcrypt algorithm. In *USENIX*. | Bcrypt Backend Password Hashing Algortihm | Backend - Authentication |
| Sriramya, P. and Karthika, R.A., 2015. Providing password security by salted password hashing using bcrypt algorithm. *ARPN journal of engineering and applied sciences*, *10*(13), pp.5551-5556. | BCrypt Industry Standard | Backend - Authentication |
| Boonkrong, S. and Somboonpattanakit, C., 2016. Dynamic salt generation and placement for secure password storing. *IAENG International Journal of Computer Science*, *43*(1), pp.27-36. | Rainbow Table Attack | Backend - Authentication |
| David, G. and Cambre, C., 2016. Screened intimacies: Tinder and the swipe logic. *Social media+ society*, *2*(2), p.2056305116641976. | Tinder like swipe navigation | Frontend Design - Swipes |
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