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| S.NO | TITLE | AUTHOR AND JOURNAL | INFERENCE |
| 1 | Airline Data Analysis | Navuluri Madhavilatha, Bheema Shireesha, Chunduru Anilkumar.  (International Journal of Scientific Research in Computer Science, Engineering and Information Technology 2019) | The delay distribution of the airport can make it easier to understand the airport delay. We also found the most popular origin to destination pairs according to the number of flights running. Then compared the average arrival and departure delays among them as well. And also calculated the average delays to all the airports. |
| 2 | Data Analysis of Delays in Airline Networks | Lucian Ionescu, Claus Gwiggner, Natalia Kliewer.  (Cross Mark – 2015) | A better understanding of delay mechanisms may lead to a better trade-off between cost-efﬁciency and robustness and is therefore the purpose of this paper.They provide a regression modeling approach for daytime delay trends based on a data-driven detection of spatio-temporal patterns. The focus is on interpretable rules whose prediction accuracy is compared to random forests as a non-para-metric, automated modeling approach. |
| 3 | Empirical Study on Airline Delay Analysis and Prediction | Ripon Patgiri, Sajid Hussain, and Aditya Nongmeikapam.  (Research Article EAI.EU) | The flight delay is predicted by training a very small set of data from 2000 to 2007 which is validated using 2008 dataset. Thus, a flight can be scheduled, organized and analyzed in a much better way. The Random Forest outperforms other four machine learning models, however, KNN and Gaussian Naive Bayes perform similar. The accuracy of the Random Forest model is 82% with a threshold of 15 minutes. |
| 4 | A Review on Flight Delay Prediction | L. Carvalho, A. Sternberg, L. Maia Gonc¸alves, A. Beatriz Cruz, J.A. Soares, D. Brandao, D. Car- ˜ valho, e E. Ogasawara, 2020  (ReasearchGate) | created ﬂight delay models for delay prediction over the last years, and this work contributes  with an analysis of these models from a Data Science perspective. We developed a taxonomy scheme and classiﬁed  models in respect of detailed components.  created ﬂight delay models for delay prediction over the last years, and this work contributes  with an analysis of these models from a Data Science perspective. We developed a taxonomy scheme and classiﬁed  models in respect of detailed components.  created ﬂight delay models for delay prediction over the last years, and this work contributes  with an analysis of these models from a Data Science perspective. We developed a taxonomy scheme and classiﬁed  models in respect of detailed components.  ﬂight delay models for delay prediction over the last years, and this work contributes  with an analysis of these models from a Data Science perspective. We developed a taxonomy scheme and classiﬁed  models in respect of detailed components  Flight delay models has created for delay prediction over the last years, and this work contributes with an analysis of these models from a Data Science perspective. We developed a taxonomy scheme and classified models in respect of detailed components. It was stated that the flight delay prediction is classified into two main categories, such as delay propagation and root delay and cancellation. |

**Literature Survey On The Selected Project & Information Gathering**

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