



ACT India D&A GCC – Recruitment

Data Scientist

Background:

An airline company collects information on all passengers who have flown in their airlines and are interested to do an analysis of customer satisfaction. They've recorded the satisfaction of the customer over several of their in-flight services.

As a solution specialist the client has approached you to analyse the data and arrive at solution using machine learning to predict the customer satisfaction rate.

Guidelines & Questionnaire:

- Perform exploratory data analysis and identify the most significant variables that impact customer's satisfaction
- Find the threshold below which a loyal customer might tend to show dissatisfaction in the overall service
- The solution must be provided in either .pptx/.docx/.pdf/.xlsx format, not exceeding 3 pages
- Please take any assumptions as required and point it out in the submission
- The submission must also include the code developed for verification purposes. The code might be executed and tested during the interview