Aon | OneBanc | Assignment - Data Scientist | Batch - 2021

Mohd Zeeshan Siddiqui <mohd.siddiqui@cocubes.com>   Tue, Jun 1, 2021 at 11:29 PM

Dear Candidate,

Congratulations on clearing your aptitude assessment with OneBanc. Sharing with you another round that is Data Science Assignment and you need to submit it till **02nd June, 2021 EOD**.

This usually takes a day, but we understand you have work commitments, in case you think you would need more time, please drop us a note with a date of submission as per your convenience.

Using the attached excel complete the following tasks:

1. Explore the dataset and fix the data structure and presentation.
2. Handle all missing values and check for incorrect data entries.
3. Find a way to categorize expenses into appropriate category like Food, Travel, Shopping etc.

   Output the updated data into CSV so that user queries like below can be answered:
   What was my food bill in the last month of the date range in the transaction statement?
   Compare my monthly travel over past three month of the date range provided in the statement
   Am I an impulsive shopper?

Keep the ML code generic and do not manually tag the data, the same code should be able to run on other set of data and generate similar insights!!

Please share the output csv and also write a brief note on your approach to the problem and how you implemented the solution to give answers to questions that have been asked in the assignment.

Regards,

Team Aon in association with OneBanc

📄 **DataScienceCleanStatement.csv**
277K