



Data Analyst – Case Study

Case Guidelines:

- This case study assessment is being used to gauge your data cleaning and visualization skills.
- Once you complete the tasks please submit your answers to us in a well-formatted PDF (you can insert links for the data set after cleaning and data visualization task within the PDF).
- If you have any questions related to the case study, **contact us** on [slack](#) or you can reach out to us at business@qureos.com.
- Best of luck :)

Task One (Data Cleaning):

One of the most important roles of a data analyst is to clean and make sense of the data presented to them. So, as a data analyst let's suppose you are given the task of cleaning the following dataset of Famous Movie Reviews with Python path. Take us through your data cleaning process and share the final data that you think is ready for use.

Movie dataset:

https://docs.google.com/spreadsheets/d/1nUbyyp021YOclKGNqxdyxG_voAoRjsZtTVbx0o6WJ-E/edit?usp=sharing

Task Two (Data Visualization):

As a Data analyst working for the government, you have been tasked to analyze the employee salaries for the given data set titled '[Employee Salaries.xlsx](#)' and create a dashboard to share your findings with the management.

The dashboard should include:

- 1- A map of the gross pay by zip code
- 2- A bar chart of gross pay by gender
- 3- A bar chart of gross pay by number of years being hired
- 4- A treemap of overtime pay and department name

You can download the dataset for this task here:

[https://github.com/ghaniasaeed/Datasets/blob/main/Employee Salaries.xlsx](https://github.com/ghaniasaeed/Datasets/blob/main/Employee%20Salaries.xlsx)