

Case study

Otoqi is a transportation and logistics company that works with drivers to fulfil various missions. As a data analyst at Otoqi, you analyze driver data to optimize performance and mission efficiency. By identifying patterns and analyzing data, you aim to improve driver productivity, reduce delivery times, and minimize costs.

Challenges:

Otoqi faced several challenges related to driver performance and mission efficiency:

a. Driver Productivity:

Otoqi needs to assess driver productivity, taking into account factors such as average delivery time, number of completed missions, and adherence to schedules.

b. Resource Allocation:

Optimizing resource utilization requires efficient allocation of drivers to missions based on their availability, skills, and proximity to pickup and drop-off locations.

c. Performance Evaluation:

Establishing metrics to evaluate driver performance and identifying areas for improvement are essential for enhancing overall operational efficiency.

As a data analyst :

- 1- Provide the steps you follow to check data.
- 2- Identify metrics to measure driver productivity and mission efficiency

- 3- Provide some KPI and visualisations
- 4 - Propose some suggestions if there is any

Dataset :

Missions

[missions_study.csv](#)

Drivers

[drivers.csv](#)