



Mercedes-Benz
of San Francisco

Mercedes-Benz San Francisco (Fake Scenario)

Domain Background:

Mercedes-Benz San Francisco has been in the automotive industry for more than 50 years. Mercedes-Benz has been recognized as the benchmark in terms of high quality, technical models, luxury and value. The project aims is to ensure your Mercedes-Benz car ownership experience exceeds your expectations. To develop marketing plans for our next marketing campaign, we decided to analysis a dataset of San Francisco employees' salary base to know income level and target each category with the appropriate promotional campaign.

Data Description:

The original source for this data is [here](#) , and we have taken from kaggle ([SF Salaries | Kaggle](#)).

This data set is name as Salaries contain 13 column and 148654 rows.

Questions/needs:

- What are the top 10 most common jobs?
- What is the proportion of high-income employees, middle-income employees and low-income employees?

Features:

id: A unique identifier for each employee.

EmployeeName: Name of employee.

JobTitle: Names of Job.

BasePay: Base salary without any additions.

OvertimePay: Amount of overtime pay.

OtherPay: Amount of other pay.

Benefits: Amount of benefits.

TotalPay: Amount of base pay plus overtime pay without benefits.

TotalPayBenefits: Amount of base pay plus overtime pay plus benefits.

Year: year for every jobs.

Notes: comment for job.

Agency: city of job.

Status: type of job (PT, FT).



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Tools:

- **Technology:**
 - Python.
 - Jupyter Note book.
- **Libraries:**
 - NumPy and Pandas for data manipulation.
 - Matplotlib and Seaborn for plotting.
 - Plotly for interactive visualizations.

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