

INFORMATIC TECHNOLOGIES SALARIES

Mid-term project | Regression

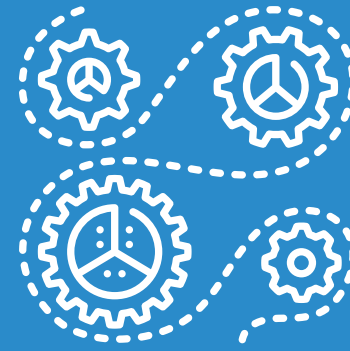
Duygu ATALAY





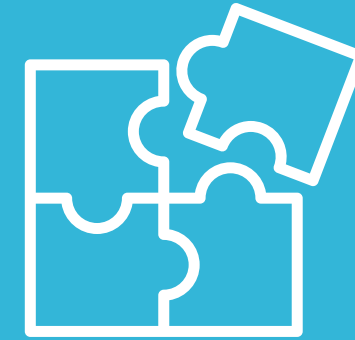
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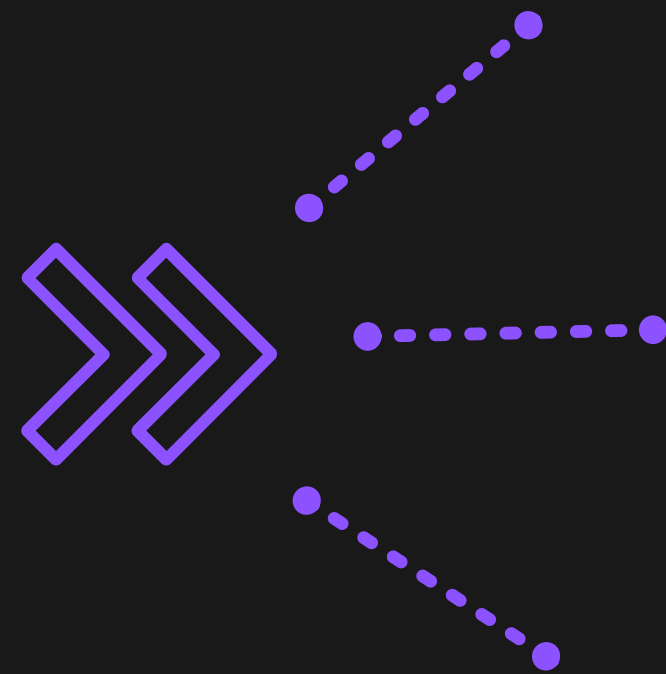
- The dataset consists of information on **the salaries of IT jobs** all around the world between 2020 to 2022.
- Explore and understand the **differences** of the salaries.
- Build a Machine Learning model to **predict the highest and lowest** salaries according to job title and the location of the companies.



PROCESSES



Dataset



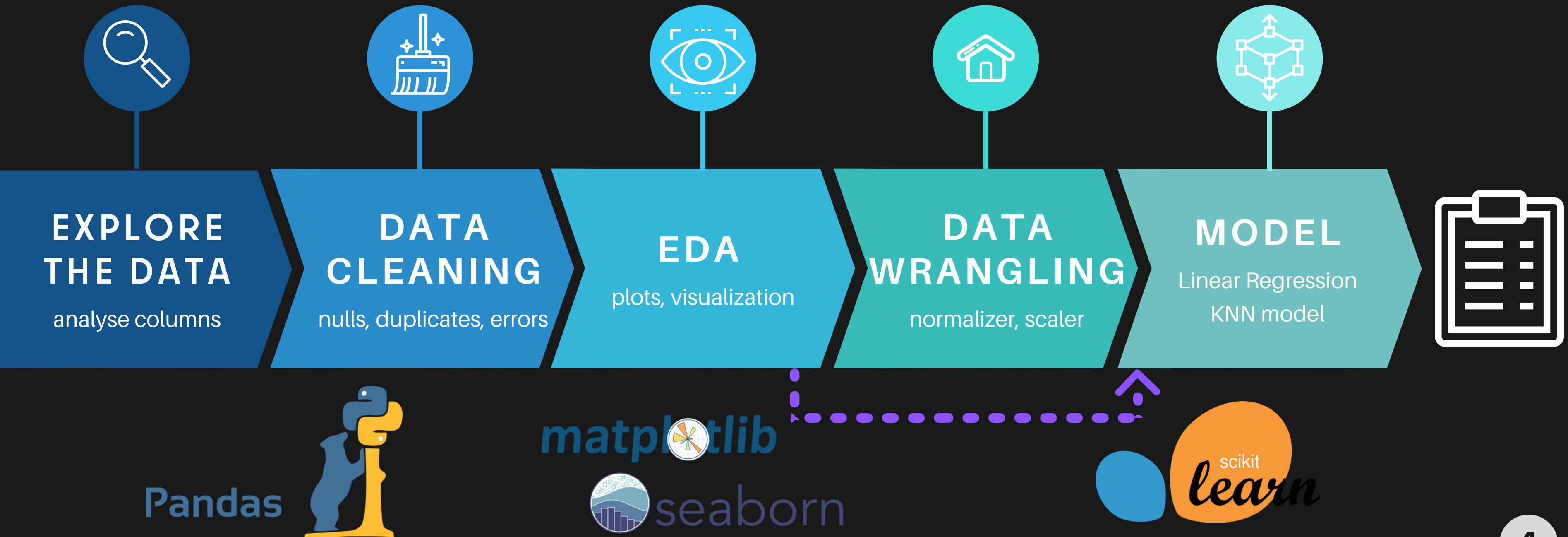
python™

Results



Github repository

PROCESSES



INSIGHTS



Remote work does not affect salary



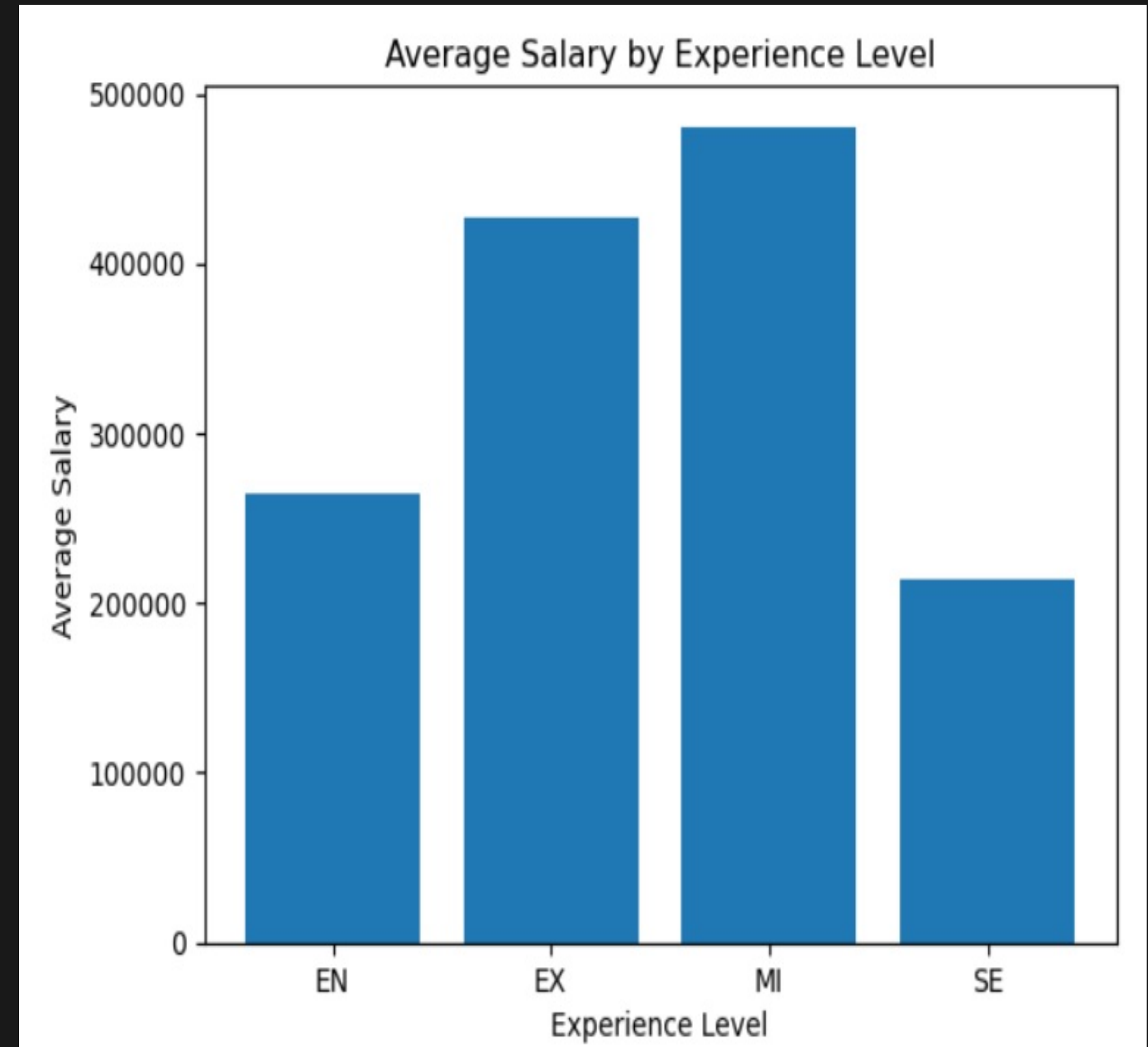
Mid-level employees has the highest salary



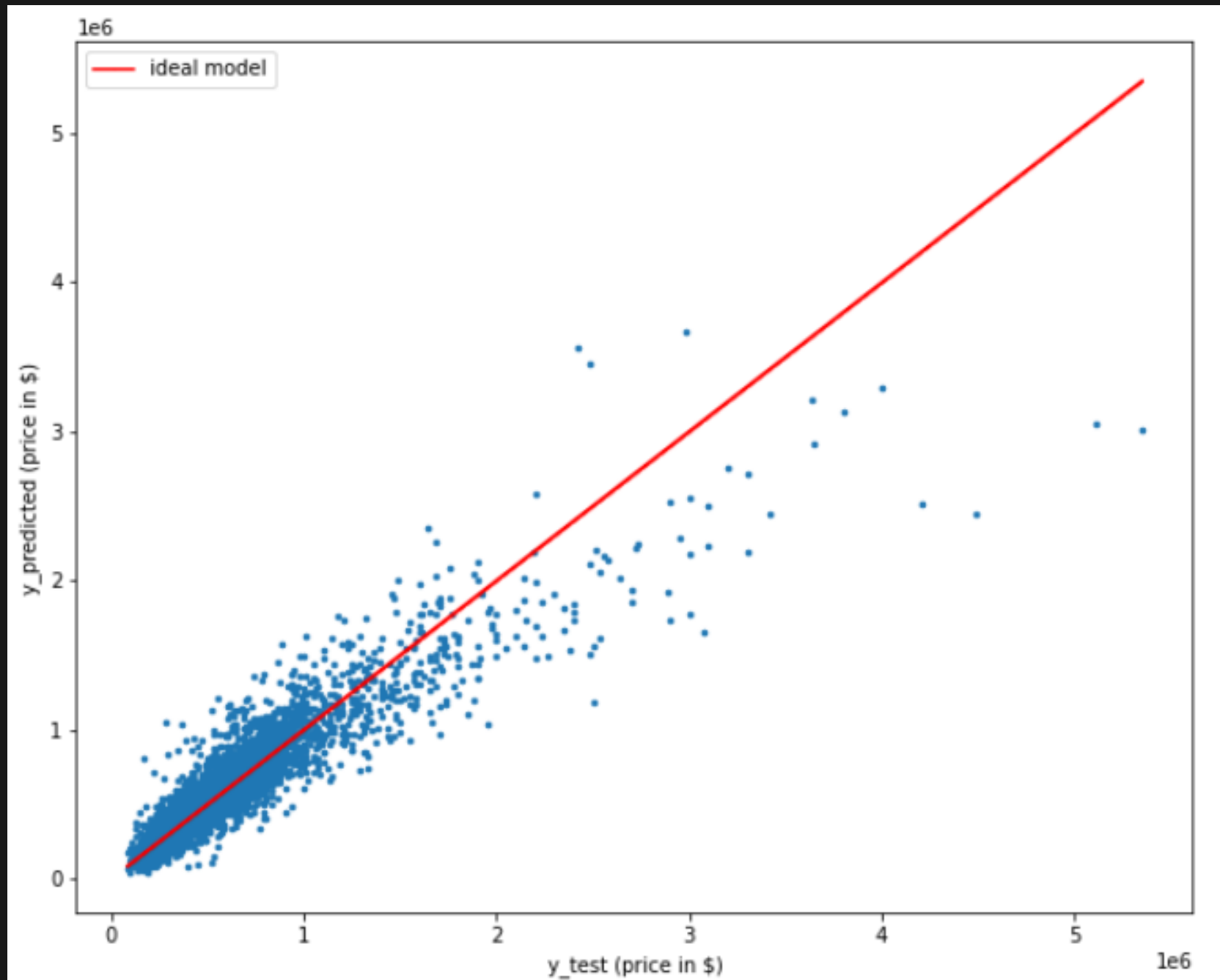
Most of the companies are located in Germany.



Salary currency is mostly Euro.



RESULTS



Best model performance

- Random Forest Regressor
- Label Encoder

RESULTS



Questions:

1. Which company_location has the lowest salary?
2. Which job_title that has the highest salary

RESULTS

For Answers



1. I used the Random Forest Regressor and Label Encoder.
2. Company location with the lowest salary: INDIA
3. Job title with the highest salary: Principal Data Engineer

THANKS FOR YOUR TIME!

We'll be happy to answer
your questions

