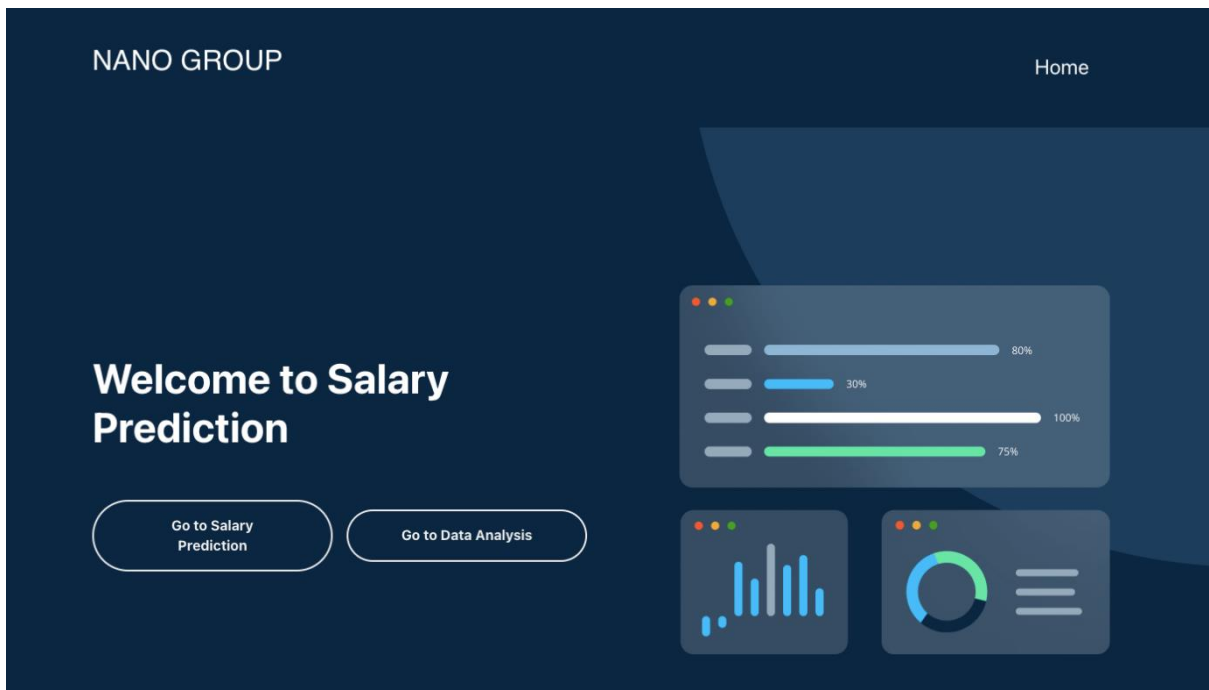


## SalaryPrediction Project - Nano Grup

### Project Overview

In this project, I was responsible for data analysis, data visualization, preprocessing, data cleaning, and modelling the data on the machine learning side. I analyzed the performance metrics of various machine learning models, comparing their error and success rates on training and test sets to evaluate which one yielded the best results. Additionally, I assessed cross-validation results and considered the models' run times to determine whether they were overfitting.

### Home Page



NANO GROUP

Home

Enter information for salary prediction

Select your title

Select your gender

Select your education level

Your age

Experience year

Guess now

Enter information for salary prediction

✓ Select your title

Software Engineer

Data Analyst

Senior Manager

Sales Associate

Director

Marketing Analyst

Product Manager

Sales Manager

Marketing Coordinator

Senior Scientist

Software Developer

## Your predicted annual salary is: \$161049

### User Information:

- Title: Software Developer
- Age: 18.0
- Experience: 12.0
- Gender: Male
- Education Level: Bachelor's

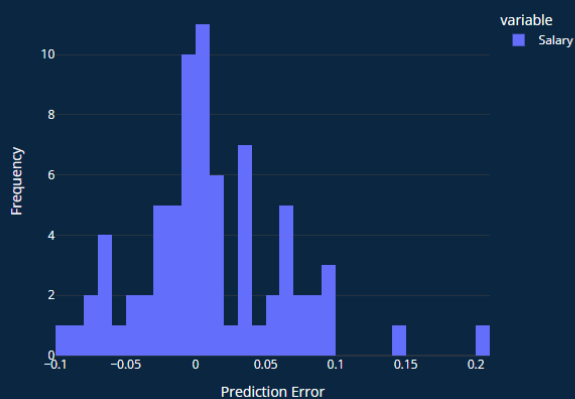
[Back to Form](#)

### User Information:

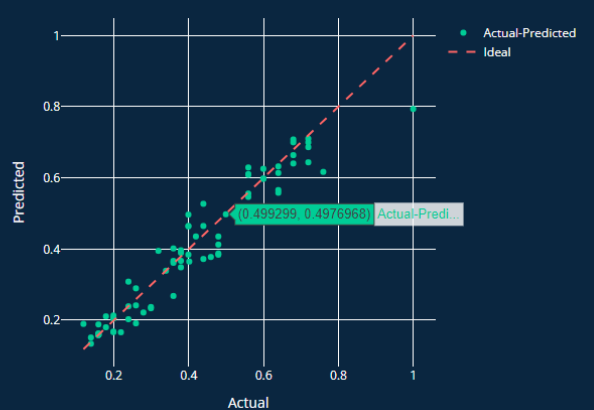
- Title: Software Developer
- Age: 18.0
- Experience: 12.0
- Gender: Male
- Education Level: Bachelor's

[Back to Form](#)

Error Distribution

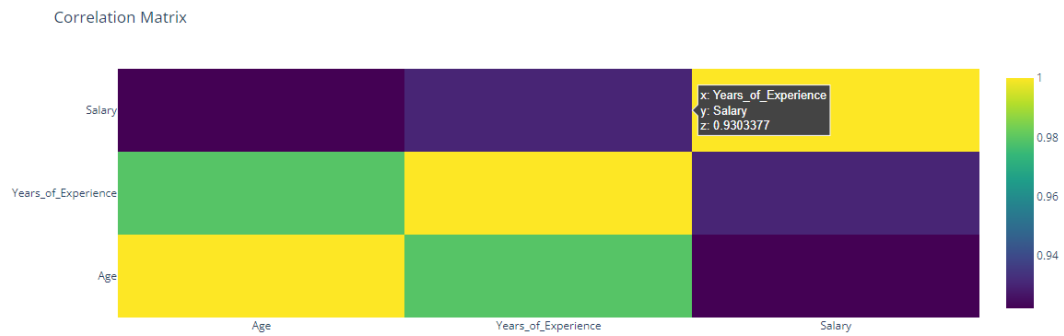


Actual vs Predicted

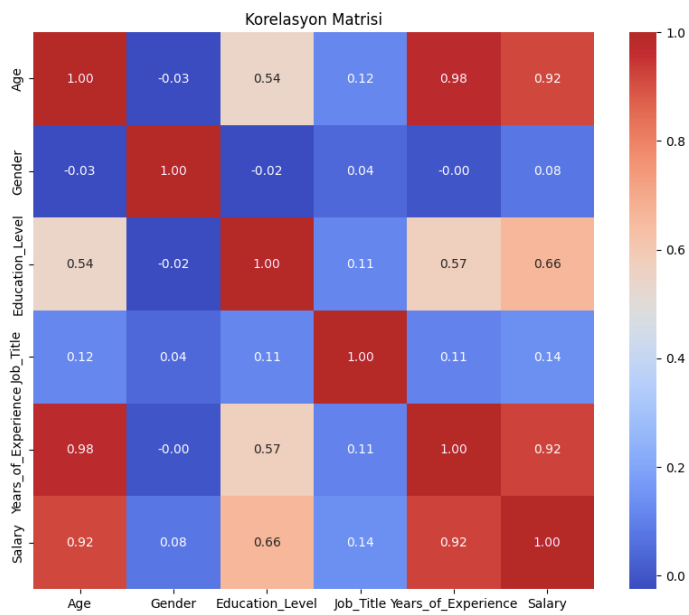


## Data Analysis Page

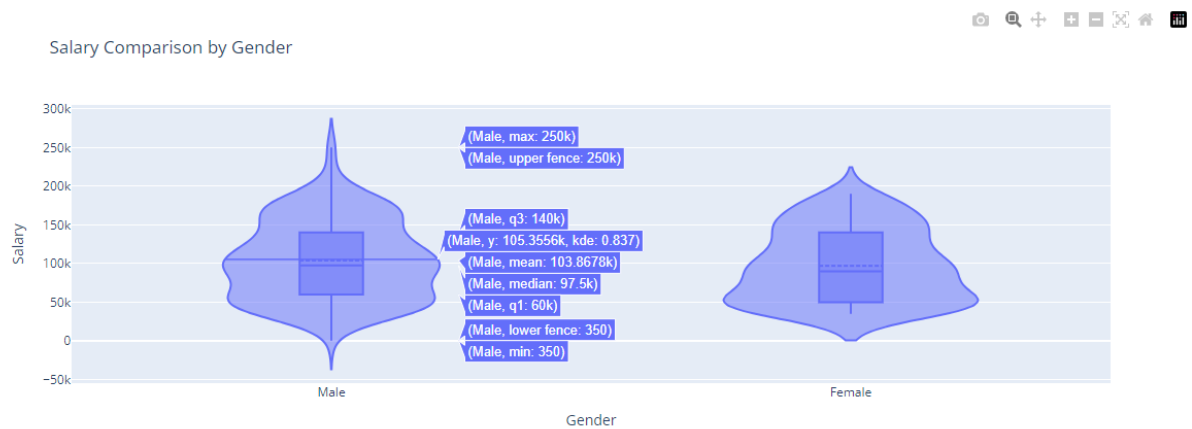
### Correlation Matrix



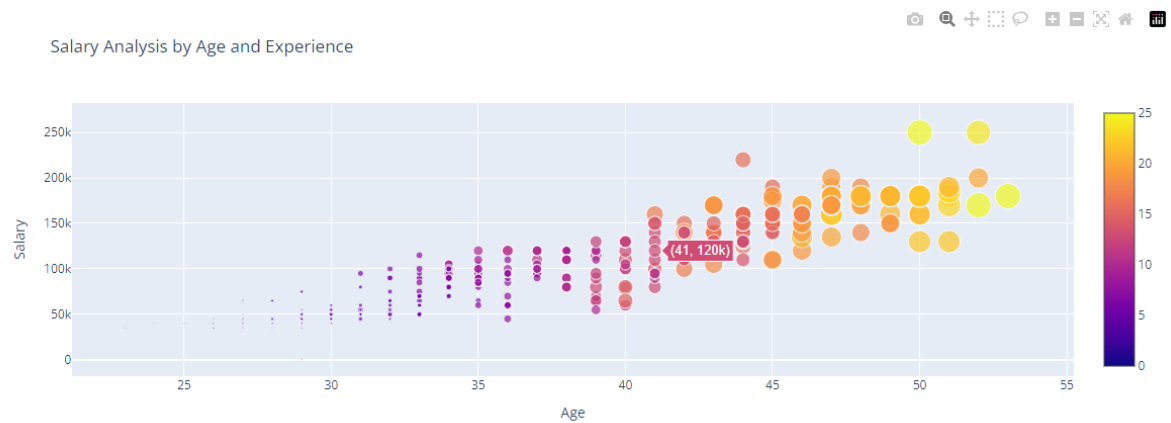
### Correlation Matrix



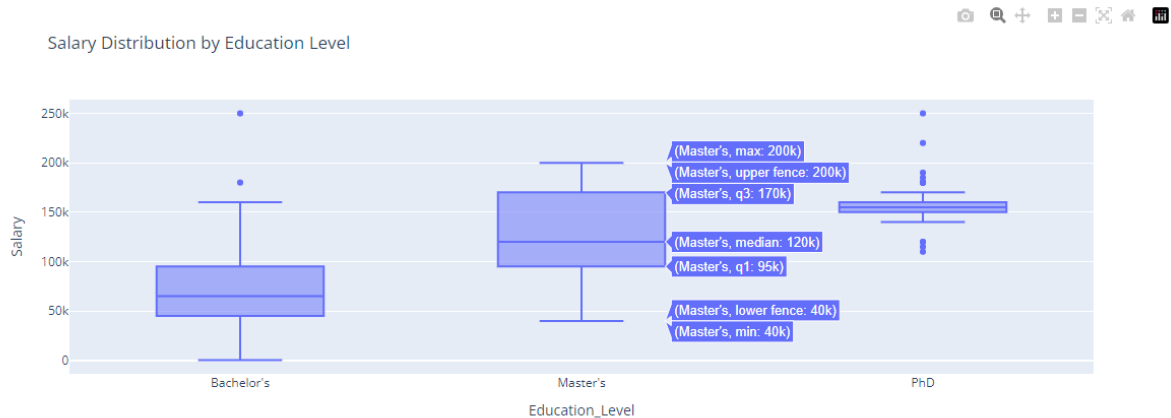
## Salary Comparison by Gender



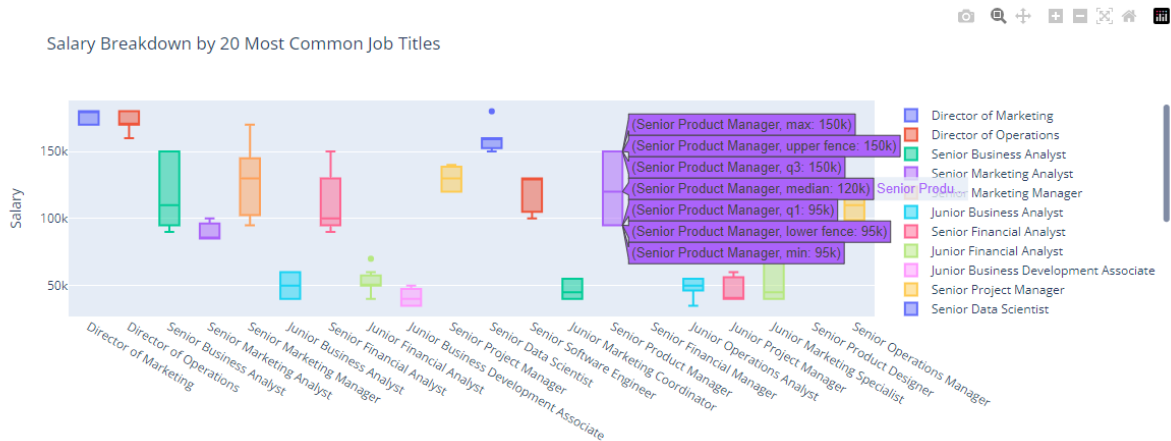
## Salary Analysis by Age and Experience



# Salary Distribution by Education Level



# Salary Breakdown by 20 Most Common Job Titles



Simge LALE