# Report for Salary Dataset Simple Linear Regression

## 1. Dataset Introduction

Salary Dataset in CSV for Simple linear regression.

Columns:

#

YearsExperience

Salary

Data source: *https://www.kaggle.com/datasets/abhishek14398/salary-dataset-simple-linear-regression/data*

## 2. Descriptive Statistics

```
shape: (9, 4)
```

| statistic | | YearsExperience | Salary |
|---|---|---|---|
| str | f64 | f64 | f64 |
| count | 30.0 | 30.0 | 30.0 |
| null_count | 0.0 | 0.0 | 0.0 |
| mean | 14.5 | 5.413333 | 76004.0 |
| std | 8.803408 | 2.837888 | 27414.429785 |
| min | 0.0 | 1.2 | 37732.0 |
| 25% | 7.0 | 3.3 | 56643.0 |
| 50% | 15.0 | 5.0 | 66030.0 |
| 75% | 22.0 | 8.0 | 101303.0 |
| max | 29.0 | 10.6 | 122392.0 |

## 3. Data Visualization



Years of Experience vs Salary