# Salary Prediction Classification

**Through the data, I want to make sure if the large salary is given to those with great responsibilities and hard work.**

**Or the color, gender and marital status of the employee effects the salary.**

**Description**

1. **Link data:** [**https://www.kaggle.com/datasets/ayessa/salary-prediction-classification**](https://www.kaggle.com/datasets/ayessa/salary-prediction-classification)
2. **15 columns & 32561 rows**
3. **The name of columns:**
4. **Age : the age of the employee**
5. **Work class: Work category**
6. **Fnlwgt : I don’t know the meaning of it**
7. **Education : Educational level**
8. **Education-num : Number of years learned**
9. **Marital-status : Social Situation**
10. **Occupation : Job title**
11. **Relation Ship : If the employee was a husband or a wife or had children**
12. **Race : The bloodline**
13. **Sex: The gender**
14. **Capital-gain: a profit from the sale of property or an investment**
15. **Capital-loss : loss in investment**
16. **Hours-per-week : the number of hours he works in a week**
17. **Native-country: employee’s country**
18. **Salary: The money he receives for his work**
19. **Analysis Questions:**
20. **How many employees their country is the United States and their salary <=50k?**
21. **How many female employees are not married and their salary <=50k?**
22. **How many male black employees and their salary >50k?**
23. **Did male Prof-specialty receive the same salary as female Prof-specialty?**
24. **How much the salary of the employee who worked 92 hours per week?**

**The kind of the problem is classification**

**The Target is Salary**