

Siddhardhan

# Big Mart Sales Prediction With Python

Machine Learning Project



**Big**mart

# Problem Statement



Grocery Store



# Types of Supervised Learning

## Supervised Learning

```
graph TD; A[Supervised Learning] --> B[Classification]; A --> C[Regression];
```

### *Classification*

*Classification is about predicting a class or discrete values  
Eg: Male or Female; True or False*

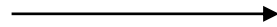
### *Regression*

*Regression is about predicting a quantity or continuous values  
Eg: Salary; age; Price.*

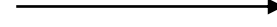
# Work Flow



Data



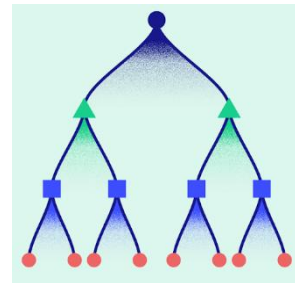
Data pre processing



Data Analysis



Train Test split



XGBoost Regressor



Evaluation