I already explained ===== how to connect chatgpt API

Take some cloud account

Azure account ======

Azure for students ====== no credit card details ==== 100$ free

College email id ====

Azure for non students ==== credit /debit ===== 200$ free ==== deactivate account

How to create azure free account ===== email credit/debit

Azure ML services ==== keys python

By 26th ========

Linear regression ========= OLS

Logistic regression ======= sigmoid

Decision Tree ========== Entropy /gini

Naïve bayes ========= Probability

KNN ========== distance metric

**Classification Metrics**

1. **Confusion matrix**
2. **Accuracy**
3. **Error rate**
4. **Sensitivity**
5. **Specificity**
6. **Precision**
7. **Recall**
8. **F1-score**
9. **Kohens-kappa**
10. **ROC-AUC curve**

**Age gender income cr y**

**30 M 50k fair yes**

**You develop the model ====== train data to the model**

**{30,M,50K,fair} ============ yes No**

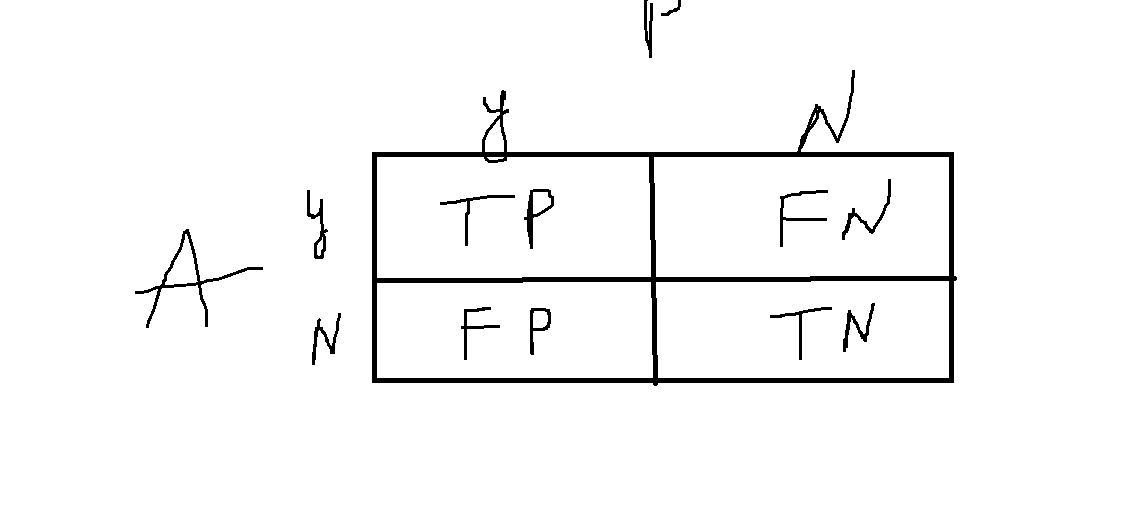
**How many total combinations**

**Actually yes ,model predicted as No**

**Actually yes, model predicted as yes**

**Actually No , model predicted as No**

**Actually No, model predicted as yes**

****

**In a data originally 50 yes are there , 50 No are there**

**Model is predicted 40 yes and 60 No**

**Create the Confusion matrix**

**Tp=0 tn=99 99+0 = 99**

**Tomorrow you have a class 9am**