# Name: Mark Lopes

# Roll No: 9913

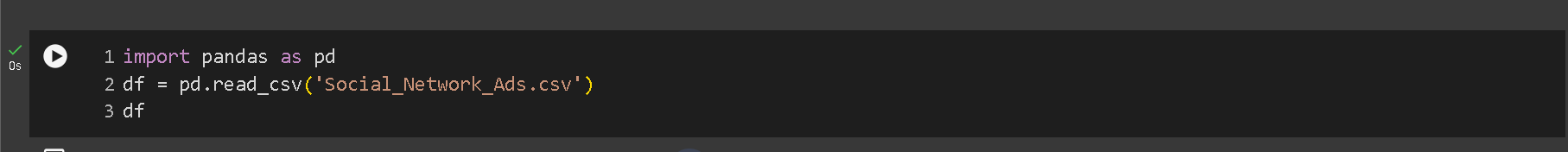
# Branch: Computer A

## Exp 6: NaiveBayes Classification

Using the [social network ads data](https://www.kaggle.com/datasets/rakeshrau/social-network-ads) concerning the Gender, Age, and Estimated Salary of several users and based on these data we would classify each user whether they would purchase the insurance or not.

A screenshot of a computer

Description automatically generated

  
Output:

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer screen

Description automatically generatedA screenshot of a computer

Description automatically generated

A screenshot of a computer program

Description automatically generated

A screen shot of a computer

Description automatically generated

A black and white screen with white text

Description automatically generated

A screenshot of a computer

Description automatically generated

A computer screen shot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A computer screen shot of a program code

Description automatically generated

Output:

A graph of a curve

Description automatically generated with medium confidence

A screen shot of a computer code

Description automatically generated

Output:

A graph of a positive rate

Description automatically generated

# Final Output Showing the model predicting based on age and salary

A screenshot of a computer program

Description automatically generated