

Department Of Computer Engineering

Academic Year: 2021- 20 22

Project Title: Predicting Student Performance using Regression Analysis

Team Member 1: (Team Leader)

Name: Janhavi Anap

College ID: 19102043 Email:

Mobile No: 7506716141

Team Member 2:

Name: Prathamesh Hambar

College ID: 19102001 Email:

Mobile No: 9819656953

Team Member 3:

Name: Tejas Sheth

College ID: 19102026 Email:

Mobile No: 9819586714

Team Member 4:

Name: Het Patel

College ID: 19102005 Email:

Mobile No: 8080083734

Project Guide Project Coordinator Head of Department

Guide Name:



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Date: From 01/08/2021 To: 08/08/2021

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| Progress Planned | Progress Achieved |
| To decide the topic for the project from the following through a meet:   * Predicting Student performance analysis using regression analysis * Face recognition based attendance system * Stock Prediction using twitter sentiment analysis | Finalized Predicting Student performance analysis using regression analysis as topic in 2 meets with the project guide |
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Date: From 09/08/2021 To: 15/08/2021

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| Progress Planned | Progress Achieved |
| Meet with guide to discuss about the project | Meet held with guide where we were guided how to writ the report and what is to be included |
| Research about the project and its requirements | Found software requirements |
| Complete and submit the report | Report completed and submitted |
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| Progress Planned | Progress Achieved |
| Research about Neural Networks | Learned about concept of Neural Network from  [Link1](https://www.youtube.com/watch?v=aircAruvnKk) and [Link2](https://www.youtube.com/watch?v=IHZwWFHWa-w) |
| Meet to update the weekly progress | Meet successfully conducted |
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Date: From 24/08/2021 To: 17/09/2021

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| Progress Planned | Progress Achieved |
| Search for workable data | Data found at <http://archive.ics.uci.edu/ml/datasets/student+performance> |
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| Progress Planned | Progress Achieved |
| Preprocess the found data | Data processed to make it workable |
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| Progress Planned | Progress Achieved |
| Test basic regression model on the processed data | Performed Linear Regression to predict data with 0.73 r2\_score |
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