**Project Name: Student Performance Predictions**

**Project Logo:**

**Logo

Description automatically generated**

**https://www.canva.com/tools/logo-maker-q1/**

**Team Members:**

|  |  |  |
| --- | --- | --- |
| **Name** | **Email** | **Phone Number** |
| Nou Yang | [nouyang0620@gmail.com](mailto:nouyang0620@gmail.com) | 608-433-6626 |
| William Thomer |  |  |
| Mary Vang | [msmary\_vang@yahoo.com](mailto:msmary_vang@yahoo.com) | (918)500-0396 |
| Kameron Thao |  |  |

**Motivation & Summary Slide**

Talk About the project and why it is important (Make it interesting).

There are a variety of factors that that can contribute to a high school student's academic performance. We want to understand whether there is any correlation between a student's conditions and their overall performance on math, reading, and writing exams. We then would like to train a model to predict student performance based on these features.

**DATA sets to be Used:**

List all data sources you can use in this project.

<https://www.kaggle.com/datasets/rkiattisak/student-performance-in-mathematics>

**Tools/Modules to be Used:**

* Pandas
* Matplotlib
* HTML
* Scikit-learn

**Breakdown of Tasks** (Ownership by Group Member)**:**

* Nou: Collect the data.
* Nou: Preprocess/clean the data.
* Visualize the data
* Train and predict math data
* Train and predict reading data
* Train and predict writing data
* Presentation slide deck

**Schedule for Completion of Tasks:**

|  |  |  |
| --- | --- | --- |
| **Date** | **Task** | **Notes** |
| **4/6** | Project Work/ Project proposal |  |
| **4/6** | Collecting the data |  |
| **4/8** | Prepare and clean data |  |
| **4/13** | Code development |  |
| **4/13** | Code development |  |
| **4/13** | Create Visualizations |  |
| **4/16** | Mock Presentation |  |
| **4/17** | PROJECT PRESENTATION |  |