**Data Warehouse and Mining  
  
Mini project report  
  
  
Regression algorithm**

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* **Problem Definition: -**

The system takes in any dataset (for regression model) and evaluated the dataset of Linear Regression model after analyzing the dataset and displays the resulting graphs and other details. And finally gives the accuracy percentage of the model on that particular dataset.

* **Requirements: -**
  + **Dataset** – The dataset must be .csv file and the output variable to be predicted must be at the last column of the dataset table.
  + **Python libraries** – pandas, numpy, matplotlib, seaborn, scikit-learn, flask, werkzeug, os, pathlib, joblib and basic libraries.
* **Flow Diagram: -**

**Dataset**

**(provided by user)**

**Machine Learning Model**

**(can be downloaded)**

**Results on the webpage**

**(Graphs, Accuracy percentage)**

**Machine Learning Model**

**(Regression Algorithm)**

* **Screen Shots: -**

Thank you!!