Project Title: Comparative Evaluation of Regression Models.

DESCRIPTION:

In this project, we aim to conduct a comparative evaluation of five different machine learning models applied to a specific dataset. The primary objective is to determine the most effective model for the given task based on their performance metrics, particularly the value.

INSTALLATION:

1. Ensure you have Python installed on your computer.
2. Clone or download the project repository to your local machine.

USAGE:

1. Click on the provided link to access the dataset.

https://archive.ics.uci.edu/dataset/294/combined+cycle+power+plant

2. Download the dataset to your local machine.

3. Convert the dataset file from ".ODS" or any other format to ".CSV" using spreadsheet software such as LibreOffice Calc, Microsoft Excel, or Google Sheets.

4. Save the converted CSV file in the project directory.

5. Open the Python script file (`ML_project_Model_Evaluation.py`) on your computer using an integrated development environment (IDE) such as Visual Studio Code, PyCharm, or Jupyter Notebook.

6. Execute the Python script step by step to perform the analysis.

7. Follow the prompts and instructions provided in the script to complete the analysis process.

DEPENDENCIES:

- This project requires Python and the following Python libraries:
  - Pandas: `pip install pandas`
  - NumPy: `pip install numpy`

Other required libraries are already mentioned in the code file.

CONTRIBUTING:

Contributions are welcome! If you have any suggestions, improvements, or bug fixes, feel free to contact me at **gkamuni@hawk.iit.edu.**