Linear Regression Analysis:

This project demonstrates a simple linear regression analysis using Python. The analysis predicts the number of medals won by teams based on the number of athletes and previous medals won.

Project Structure:

- `Linear_Regression.ipynb`: Jupyter notebook containing the code for the linear regression analysis.
- `teams.csv`: CSV file with the data used for the analysis.

Requirements:

The project requires the following Python libraries:

- pandas

- numpy

- scikit-learn

Usage:

1. Ensure all the required libraries are installed. You can install them using the `requirements.txt` file.

2. Run the `Linear_Regression.ipynb` notebook to see the analysis.

License:

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