



Additional resources: Multiple linear regression

Â© ExploreAI Academy

This reference document is designed to complement and enhance the material we have covered on multiple linear regression. It contains additional resources on Scikit-Learn, Matplotlib, Seaborn, simple linear regression models, and model accuracy.

References:

1. A downloadable cheat sheet on the Python library, Scikit-Learn:
 - [Python Scikit-Learn Cheat Sheet \[www.Datacamp.com\]](https://www.datacamp.com/python-scikit-learn-cheat-sheet)
2. A downloadable cheat sheet on the Python visualisation library, Matplotlib:
 - [Python Matplotlib Cheat Sheet \[www.Datacamp.com\]](https://www.datacamp.com/python-matplotlib-cheat-sheet)
3. A downloadable cheat sheet on the Python library, Seaborn, for creating statistical graphics:
 - [Python Seaborn Cheat Sheet \[www.Datacamp.com\]](https://www.datacamp.com/python-seaborn-cheat-sheet)
4. A lesson that covers simple linear regression, estimating parameters by least squares, calculating the standard error, and using this to compute confidence intervals:
 - [Simple Linear Regression and Confidence Intervals \[ISLR Series\]](#)
5. A lesson that covers hypothesis testing, T-statistic and p-value calculations, confidence intervals, and model accuracy by computing the residual standard error, R-squared, r, and the correlation between X and Y:
 - [Hypothesis Testing \[ISLR Series\]](#)

