



## e-Portfolio Activity: Correlation and Regression

Mark as done

As in the Unit 2 activity, run all four of these programmes in your Jupyter Notebook download from the [Essex Software Hub](#) or via [Google Colab](#) and change variables as needed to observe how the change in data points impacts correlation and regression.

- [covariance\\_pearson\\_correlation.ipynb](#).
- [linear\\_regression.ipynb](#).
- [multiple\\_linear\\_regression.ipynb](#).
- [polynomial\\_regression.ipynb](#).

### Learning Outcomes

- Articulate the legal, social, ethical and professional issues faced by machine learning professionals.
- Understand the applicability and challenges associated with different datasets for the use of machine learning algorithms.

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