

Ian Berrell

DATA SCIENTIST

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I have been working on my datascience skill sets and statistical knowledge during the pandemic lockdown, primarily in Python and R (Markdown, Pagedown, Shinny, ggplot2, DiagrammeR, etc.). At the moment I am preparing a library of process engineering calculations in python as part of my effort to increase python programming competency. In the longer term I am persuing web development to develop my own websites, content and applications. I am also enjoying developing my knowledge of Quantum computing.

Education

Neath Technical College

BTEC HNC CHEMICAL ENGINEERING

Neath, UK

1987

Bradford University

BENG (HONS) CHEMICAL ENGINEERING

Bradford, UK

1991

Data Science

1903 Nobel Prize in Physics

1911 Nobel Prize in Chemistry

*Awarded for her work on radioactivity with Pierre Curie and Henri Becquerel
Awarded for the discovery of radium and polonium*

Reading List

1. Spiegelhalter, D. (2020). *The art of statistics learning from data*. A Pelican Book.
2. Shaw, Z. (2013). *Learn python the hard way*. Addison Wesley.
3. Garrett Grolemond, H. W. &. (2017). *R for data science import, tidy, transform, visualise, and model data*. o'Reilly.
4. Bernhardt, C. (2020). *Quantum computing for everyone*. The MIT Press.