Innovative and solution-focused data analyst who enjoys creating tidy, robust datasets, and beautiful outputs. See examples **here**

JENNIFER BUFTON
Senior Data Analyst | Sport England

Toolset:

- 🔧 R Programming
- 🔧 R Shiny
- 🔧 Python
- 🔧 ArcGIS Pro (including Python integration)
- 🔧 KNIME and KNIME server
- 🔧 SQL (queries, creating views, stored procedures)
- 🔧 Microsoft Azure
- 🔧 Microsoft Power BI
- 🔧 Microsoft Office (including PowerApps, PowerAutomate, advanced Excel)
- 🔧 SPSS

Skills:

- 💻 ETL
- 💻 Data visualisation
- 💻 Geographic data
- 💻 Statistical analysis
- 💻 Machine Learning (using R and KNIME)
- 💻 Market Segmentation
- 💻 Natural Language Processing
- 💻 Web scraping
- 💻 Google Analytics
- 💻 Prince 2 (Foundation and Practitioner)
- 💻 Agile (Foundation and Practitioner)

Education

Postgraduate 10/2020 – Present *PGCert in Data Science* University of London

Postgraduate 10/2007 - 09/2008 *Master of Arts in Sociology (Merit)* University of Birmingham

Undergraduate 06/2004 - 06/2007 *Bachelor of Arts with Honours in Sociology (First Class)* University of Birmingham

Experience

Sport England

Data Manager March 2014 – September 2017

Senior Data Analyst: September 2017 - Present

Working in a small Data Analytics team has given me the opportunity to develop a range of tools and techniques. These include:

- Extracting, transforming, and analysing numerous data types such as JSON, text, HTML, CSV etc. from different data sources
- Statistical analysis
- Machine learning and predictive analytics
- Automating business processes
- Data visualisation - communicating findings in an engaging way i.e. Power BI reports or R Shiny apps
- An ability to work across the organisation with a range of stakeholders, and to understand user and business needs

Newspaper Licensing Agency

Production Analyst: March 2010 – March 2014

Analysing and reporting on vast SQL databases of newspaper content for the media monitoring sector and reporting against performance KPIs.

Voluntary experience and hobbies

Establishing and running Clapham Kicks *(Women's Football team)* – Setting up a club required managing budgets, working with the FA, procuring sponsorship, and other administrative tasks.

Cycling – A keen cyclist, I frequently spend my weekends in the Surrey hills, and my weekdays in the Zwift peloton

Running – Semi-retired marathoner and fair-weather jogger.