



Lucinda Bufton

Data Engineer

07982 238688 lucinda.bufton@gmail.com

[LinkedIn](#) | [Github](#) | [My Website](#)

Experienced data professional with a background in Data Analytics, GIS and Data Engineering. I love problem solving and have great attention to detail.

Skills

Languages and Tools

- SQL (BigQuery, SSMS)
- Python (Pandas, Matplotlib and Numpy)
- Dbt (data modeling, ELT)
- Javascript
- HTML and CSS
- R

Cloud Computing

- GCP (BigQuery, Cloud Functions, Cloud Scheduler)
- Microsoft Azure
- Github

Data Visualisation

- Tableau
- PowerBI
- Looker Studio

Database Management

- SQL, NoSQL, SSIS

Education

Master of Oceanography

Southampton University

2004 - 2008

- GIS users course and advanced GIS users course at the Defence School of Military Survey | 2011
- Transactional SQL with Nexus Training | 2019
- Google Cloud Training Course in Python | 2020
- Prince2 Foundation | 2021
- GCP Data Engineer Certification | 2023

Professional Experience

Play Sports Network, Bath | Data Engineer

December 2022 - Present

- Constructing and maintaining ETL pipelines from various unstructured and structured data sources using GCP infrastructure.
- Using dbt for data modeling and testing in conjunction with Github and GCP for version control and testing.
- Maintained the data warehouse including documentation of the data processes and flows in order to create a functional data product.
- I collaborate with third parties, data analysts, and marketing teams to build solutions to their data-related technical issues and support their data infrastructure needs.

South Western Ambulance Service NHS Foundation Trust, Exeter | Senior Business Intelligence Developer

January 2020 -- December 2022

- I maintained a data pipeline architecture through ETL from the live operational data stream using staging tables in Microsoft SQL Server before compiling into the data warehouse.
- I created live dashboards with Power Bi and Tableau for the wider trust.
- I managed the regular release process for updating to the data warehouse using Visual Studio and Microsoft Azure for version control.

Devon Partnership Trust, Exeter | Senior Data Analyst

September 2018-- January 2020

- I used SQL to query data from the data warehouse in order to send reports to different stakeholders across the Devon Partnership Trust, answering ad hoc queries and Freedom of Information requests.
- I collated and analysed information for the national Benchmarking submission.

University of Exeter, Exeter | Timetabling Data Analyst

June 2016 -- September 2018

United Kingdom Hydrographic Office, Taunton | Mapping and Charting Officer

March 2012 - June 2016

Defence Geographic Centre, MOD, Feltham | Geospatial Analyst

September 2010 - March 2012