

Anmol Durgapal

Data Professional & Python Developer

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WORK EXPERIENCE

Networth Corp – Data Scientist

Business Consulting and Services startup

July 2021 - Present

Analytics Management System:

- Architected and developed an integrated **project management platform** with Value Tracking and Investment & DVF Planning modules, establishing a culture of visibility, accountability and standardisation across the organisation.
- Created and implemented automated **Python** backend data pipelines on **Azure DevOps** reducing manual work and enhancing data accuracy.
- Leveraged **SQL** and **Pandas** to optimise pre-existing data pipelines, resulting in a **90% reduction** in processing time for critical operations.
- Designed and built efficient frontend applications using **Power Apps**, resulting in a **88% reduction** in CRUD operation execution time.
- Documented data model diagrams and pipeline workflows using **Draw.io** and a **spreadsheet** based data dictionary.

Beer Tasting Data Insights:

- **Aim:** Provide insights to brewery stakeholders from beer taste testing data.
- Worked closely with brewery stakeholders to identify pain points and needs, resulting in the creation of a product that enhanced their operations.
- Developed and productionalised backend data pipelines using **SQL** and **Pandas** on **Azure DevOps** to automate data plumbing and processing tasks.
- Documented data model diagrams and pipeline workflows using **Draw.io** and a **spreadsheet** based data dictionary.

Miscellaneous:

- Developed a **Python Dash** web application to visualise beer fermentation data, facilitating informed decision-making for brewery stakeholders.
- Consolidated unstructured data to create a reporting dataset in **Qlik Sense** that enables stakeholders to analyse consumer behaviours and service performance.

PERSONAL PROJECTS

mplsoccer – Open Source Contribution [\[Link\]](#)

- **Python** library for plotting soccer/football visualisation in **Matplotlib**.
- Inducted in **Matplotlib's third-party-package** list.
- The official documentation page registers **1K+ hits per month** worldwide.

Nightingale Chart Plotter – Personal Project [\[Link\]](#)

- Developed an interactive web app using **Python Streamlit** that generates nightingale charts.
- Included functionality for users to edit the design layout of the chart, with the web app hosted on **Streamlit** servers.

PROFILE LINKS

- [My Data Visualisation Work](#)
- [GitHub](#)
- [LinkedIn](#)

TECHNICAL SKILLS

Python Scripting & Automation

Azure DevOps

- Managing Repos
- Deploying Pipelines
- Sprint Planning

Frontend:

- Python Dash
- Python Streamlit
- Microsoft Power Apps
- Microsoft Power BI

Database:

- Microsoft SQL Server
- PyODBC

Statistical/Data Analysis:

- Numpy & Pandas
- SciPy & Statsmodels

Data Visualisation:

- Matplotlib & Seaborn
- Plotly

Machine Learning:

- Scikit-Learn

Version Control:

- Git & GitHub/GitLab

Others:

- draw.io
- Trello
- Microsoft Excel
- Google Sheets

SOFT SKILLS

- Problem Solver
- Critical Thinker
- Team Player

EDUCATION

DIT University, Dehradun

- Computer Science
- GPA: 7.87 / 10.0