

# ANMOL DURGAPAL

Haldwani, Uttarakhand, India

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## Education

### DIT University

*Bachelor of Technology in Computer Science*

**Aug. 2017 – May 2021**

*Dehradun, India*

## Experience

### Networth Corp

*Data Scientist*

**July 2021 – Present**

*Bengaluru, India*

#### • Analytics Management System:

- Architected and developed an integrated project management platform with Value Tracking and Investment & DVF Framework 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.

#### • Beer Tasting Data Insights:

- Aim: Provide insights to brewery stakeholders from beer taste testing data for day-to-day decision making.
- 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.

#### • Additional Projects/Tasks:

- 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.
- Documented data model diagrams and pipeline workflows using Draw.io and a spreadsheet based data dictionary.
- Employed Azure DevOps for sprint planning and utilized the Kanban framework in Trello for streamlined task management.

## Projects

### Nightingale Chart Plotter | *Personal Project*

**May 2021**

- Developed an interactive Python Streamlit web app hosted on Streamlit servers, facilitating effortless customization and generation of Nightingale charts.

### mplsoccer | *Open Source Contribution*

**March 2021**

- Worked with a Data Scientist to develop a Python library for plotting soccer/football charts in Matplotlib and loading StatsBomb's open-data.
- Inducted in Matplotlib's third-party-package list. The official documentation page registers 2K+ visits per month.

### My Data Visualisation Work | *Personal Work*

**Since May 2020**

- All visualisations are created using Python's package Matplotlib.

## Skills

**Python Scripting & Automation:** Numpy, Pandas, SciPy, Statsmodels, Matplotlib, Seaborn, Plotly, Scikit-Learn

**Other Programming Languages:** C, C++, R

**Azure DevOps:** Managing Repos, Deploying CI/CD Pipelines, Sprint Planning

**Frontend:** Python Dash, Python Streamlit, Microsoft Power Apps, Microsoft Power BI, HTML, CSS

**Database:** Fundamentals of Database Engineering, Microsoft SQL Server, PostgreSQL, PyODBC

**Statistical Analysis, Data Mining & Machine Learning**

**Others:** Version Control (Git/GitHub), Microsoft Excel, draw.io (UML Diagrams/Flowcharts), Trello (Kanban Framework)

**Soft Skills:** Problem Solver, Critical Thinker, Contributor/Team Player, Effective Communicator, Coachable & Adaptable

## Certifications

Linear Algebra for Machine Learning  , Structuring Machine Learning Projects  , Neural Networks and Deep Learning  , Convolutional Neural Networks  , Improving Deep Neural Networks  , Introduction to Football Analytics 