

ANMOL DURGAPAL

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Professional Summary

As a data professional and developer, my interest lies in understanding and solving business challenges with data-driven solutions. I've demonstrated my adaptability and proficiency in diverse projects, from user-friendly open-source data visualization tools to robust data infrastructure development and management. By blending my problem-solving skills with a solid data methodology foundation, I'm committed to driving success in any data-driven endeavor.

Skills

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

Work Experience

Networth Corp

July 2021 – Present

Data Scientist

Bengaluru, India

- **Stakeholder Engagement:**
 - Collaborated closely with stakeholders to identify operational pain-points, leading to targeted, impactful solutions.
- **System Architecture and Development:**
 - Contributed to the architecture and technical development of an integrated project management platform, bringing objectivity and real-time visibility to project execution.
 - Automated data pipelines using Python on Azure DevOps for data plumbing, processing, maintenance and backups.
 - Achieved an 82% reduction in processing time for pre-existing data pipelines by leveraging SQL and Pandas.
 - Optimized and developed frontend Power Apps, resulting in an 89% reduction in CRUD operation execution time.
- **Data Visualization and Reporting:**
 - Constructed customized Power BI reporting views aligning with business user requirements.
 - Developed a Python Dash app to visualize beer fermentation data, aiding brewery stakeholders' decisions.
 - Consolidated unstructured data into a Qlik Sense dataset, facilitating analysis of consumer behaviors and service performance.
- **Documentation and Workflow Management:**
 - Documented data model diagrams and pipeline workflows using Draw.io and spreadsheet based data dictionaries.
 - Employed Azure DevOps for comprehensive sprint planning, enhancing project tracking and team coordination.
 - Utilized the Kanban framework in Trello for task management, streamlining workflow, and improving task completion efficiency.

1 Fortune 500 Client

1 Industry

4 Projects

Personal Projects & Contributions

mplsoccer | Open Source Contribution | [Documentation Page](#) ↗

- Collaborated to develop a Python library for plotting soccer/football charts in Matplotlib.
- Inducted in Matplotlib's third-party-package list. The official documentation page registers 1K+ visits per month.

soccerplots | Open Source Contribution | [GitHub](#) ↗

- Created a Python library for plotting radar chart and bump charts in Matplotlib - now merged with mplsoccer.

Nightingale Chart Plotter | Personal Project | [Live Preview](#) ↗

- Developed and hosted an interactive Streamlit web app, for creating and customizing Nightingale charts.

My Data Visualisation Work | Personal Work | [View Data Viz](#) ↗

- This collection showcases my data visualization work spanning from my initial creations to the most recent ones.

Education

DIT University

Aug. 2017 – May 2021

Bachelor of Technology in Computer Science

Dehradun, India