Anmol Durgapal

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Professional Summary

I'm a data professional and developer. Currently, I am working with the Data Science and AI engineering team at Networth Corp. Here, I have extensively contributed to a diverse set of roles and responsibilities which includes process engineering, data infrastructure engineering, and front-end development. Prior to this, I have also been a part of developing and delivering user-friendly open-source visualization tools particularly catering to the domain of sports analytics.

Skills

Python: Numpy, Pandas, Dask, Polars, SciPy, Statsmodels, Matplotlib, Seaborn, Plotly, Dash, Scikit-Learn, PySpark
Database: MySQL, Microsoft SQL Server, PostgreSQL, PyODBC, MongoDB
Microsoft Azure: Azure DevOps, Azure Repos, Azure Pipelines, Azure Functions, Databricks, Azure Data Factory, ADLS
Frontend: Python Dash, Python Streamlit, Microsoft Power Platform (Power BI, Power Apps, Power Automate)
Statistical Analysis, Data Mining & Machine Learning
Others: Version Control (Git/GitHub), Microsoft Excel, draw.io (UML Diagrams/Flowcharts), Trello (Kanban Framework)
IDEs: Jupyter Notebooks, VS Code, PyCharm, and Spyder

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.
- **Data Architecture and Development:**
  - Contributed to the development of a project management platform to help an organization process-engineer its value tracking, investment planning, and project prioritization activities.
  - Contributed to the development of a data analytics platform that delivered insights from sensory data, evaluated by trained tasting panels, to support decision-making by key stakeholders.
  - 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 front-end 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 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.

  1 Fortune 500 Client
  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 charts 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*