Anmol Durgapal

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Education

DIT University   **Aug. 2017 – May 2021**
Bachelor of Technology in Computer Science   *Dehradun, India*

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 & Maching 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

Experience

Networth Corp   **July 2021 – Present**
Data Scientist   *Bengaluru, India*

- **Analytics Management System:**
  - Contributed to the architecture and technical development of an integrated project management platform, significantly enhancing client organization transparency and standardization.
  - 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:**
  - 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 spreadsheet based data dictionaries.
  - Employed Azure DevOps for sprint planning and utilized the Kanban framework in Trello for streamlined task management.

Projects

mplsoccer | *Open Source Contribution* ⧉
- 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.

soccerplots | *Open Source Contribution* ⧉
- soccerplots is a Python library for plotting radar chart and bump charts in Matplotlib. Its functionalities are now merged with mplsoccer.

Nightingale Chart Plotter | *Personal Project* ⧉
- Developed an interactive Python Streamlit web app hosted on Streamlit servers, facilitating effortless customization and generation of Nightingale charts.

My Data Visualisation Work | *Personal Work* ⧉
- This collection showcases my data visualization work spanning from my initial creations to the most recent ones.