

SUMMARY

Data & Analytics professional with a proven track record of transforming complex datasets into actionable business insights using Python, SQL, and Power BI. Adept at building automated data pipelines and interactive dashboards to drive data-informed decision-making across multiple project domains.

EDUCATION

Data science and Machine Learning – Classroom Program , (Geeksforgeeks)	<i>2025 – Till date</i>
Master of Business Administration (MBA) , Systems and Finance (Symbiosis institute of Telecom management)	<i>2020 - 2022</i>
Bachelor of Technology (BTech) , Computer science (Delhi University)	<i>2013 - 2017</i>

WORK EXPERIENCE

Data & Performance Analyst, Project Management – CPRD Sector; Capgemini; Bengaluru, India *Jan 2024-Jan 2025*

- Developed interactive Power BI dashboard utilizing Power Query and Advanced DAX calculations, enhancing DAX data precision, and enabling real time counts of resources in various service lines into critical resource metrics by 25%
- Improved timecard governance and adherence through MIS reporting and Excel analytics, successfully reducing timesheet discrepancies by 15% via proactive issue resolution.
- Accelerated the lifecycle management of all Statements of Work (SOWs) and Purchase Orders (POs) across the CPRD client portfolio, reducing average processing time by 25% and ensuring timely invoicing and financial compliance.

Data Strategy analyst, Business operations – Singapore airlines; Capgemini; Bengaluru, India *Apr 2022 – Jan 2024*

- Successfully gathered and translated comprehensive stakeholder requirements into detailed user stories and process maps, aligning with core Salesforce CRM capabilities, which directly contributed to a 30% acceleration of the QA cycle (manual and automation testers) and reduced bug re-occurrence during SIT and UAT phase.
- Reduced project miscommunication errors by over 50% by creating and maintaining visual workflow diagrams and MIS reports to align developers, architects, and testers, while ensuring transparent project velocity and issue resolution tracking with nearly 100% accuracy using tools like Zephyr/JIRA
- Accelerated product delivery by collaborating with Scrum Masters on story refinement and sprint planning, resulting in a 15% increase in on-time sprint completion and improved feature velocity.

Technical consultant - MS Exchange Online; Wipro, New Delhi, India *Jun 2018 – Nov 2018*

- Proposed conceptual solutions within the Microsoft 365/O365 environment, incorporating client feedback to refine proposals, and ensure solution alignment.
- Designed and executed migration plans from legacy systems to Microsoft 365, showcasing a deep technical understanding and implementation strategy.

PROJECTS

• **In-Depth Exploratory Data analysis – Netflix content Analysis** ([GitHub](#))

Business Problem Statement: Uncover strategic content trends, genre dominance, and production patterns to optimize Netflix's future content investment and acquisition strategy.

Tech Stack Used: Python, Pandas, NumPy, Matplotlib, Seaborn, Plotly, SciPy, SQL, Jupyter Notebook/VS Code, Power BI, Regular Expressions (RegEx), Scikit-learn (for time-series feature engineering).

Technical Solution: Performed time-series decomposition, applied text mining to genre/cast data, and engineered temporal features to derive content distribution and growth trends.

Accuracy/Business Impact: Identified a 35% year-over-year increase in original content acquisition since 2018 and pinpointed the top five countries responsible for 75% of the content library

• **GDP Analysis and comparison of Countries** ([GitHub](#))

Business Problem Statement: Analyze global macroeconomic health and regional growth disparities to identify emerging markets and economic shifts across 250+ countries.

Tech Stack Used: Python, Pandas, NumPy, Plotly, Matplotlib, OS/Shutil, Google Colab, Google Drive API, and Jupyter Notebook.

Technical Solution: Built an automated end-to-end pipeline for time-series analysis, featuring custom YoY growth algorithms and scalable HTML report generation for every global entity.

Accuracy / Business Impact: Automated delivery of interactive reports for 256 regions, reducing manual analysis time by 90% and enabling rapid identification of high-performing economies.

• **Heart Disease Prediction – Classification Analysis** ([GitHub](#))

Business Problem: Enable early cardiovascular risk detection to support clinical decision-making and preventative care.

Tech Stack: Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn.

Technical Solution: Conducted EDA, robust preprocessing, and benchmarked multiple classifiers to optimize predictive performance.

Impact: Achieved ~85% accuracy, identifying key physiological risk factors to enhance diagnostic precision.

CERTIFICATIONS

- Agile project management - University of Minnesota (August 2024)
- AZ-900 Azure fundamental - Udemy (November 2024)