

Busireddy Satyanarayana

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Professional Summary

Detail-oriented Data Analyst Intern with practical experience in **Python, SQL, BigQuery, Excel, Power BI, and Tableau**. Proficient in **data cleaning, ETL processes, statistical analysis, KPI tracking, and predictive modeling to generate actionable business insights**. Experienced in designing dashboards, forecasting models, and customer segmentation strategies that enhance decision-making. Passionate about leveraging business intelligence tools to translate complex datasets into measurable business value.

Education

B.Tech, Computer Science & Engineering	– Dr. MGR Educational and Research Institute	2021 – 2025
Intermediate (MPC)	– NRI Junior College	2019 – 2021
SSC	– Nethaji Higher Secondary School	2018 – 2019

Experience

Data Analyst Intern – Abhyaz

- Collected, cleaned, and validated large datasets from multiple sources using **Python, SQL, and Excel**, ensuring 100% accuracy.
- Conducted **exploratory data analysis (EDA)** to identify trends, patterns, and anomalies.
- Built and maintained **Power BI dashboards** to track KPIs, improving reporting efficiency by 25%.
- Collaborated with cross-functional teams to align analytics solutions with business needs.

Projects

Agent Development using Google ADK & BigQuery

- Designed an AI-driven agent to assist non-technical associates in generating insights using natural language prompts.
- Reduced manual query time by 30% by integrating BigQuery for scalable analytics.
- Enabled sales teams to understand customer sales data and implement targeted campaigns.
- Integrated **BigQuery** for scalable analytics; project in active development phase.

Customer Workflow Optimization – HDFC Bank

Jan 2025 - May 2025

- Analyzed loan data across demographics, loan performance, and repayment patterns.
- Developed Tableau dashboards to visualize segmentation trends, boosting stakeholder engagement by 20%.
- Reduced loan processing time by 20% and NPLs by 25% through predictive modeling.
- Built **predictive models** to forecast loan defaults, reducing NPLs by 25%.
- Created interactive **Power BI dashboards** for real-time monitoring, increasing stakeholder decision-making efficiency.

Skills

- **Programming & Tools:** Python, SQL, BigQuery, Excel, PostgreSQL.
- **Data Analysis:** Data Cleaning, Data Wrangling, Statistical Analysis, Data Mining, Predictive Analytics, Machine Learning.
- **Visualization & Reporting:** Power BI, Data Visualization, Dashboard Development, KPI Tracking.
- **Additional:** ETL Processes, Business Intelligence, Report Automation.

Certifications

- **Data Science** – Code Alpha (2024/10)
- **SQL** – Simplilearn (2024/11)
- **Python** – Simplilearn (2024/12), Besant Technologies (2024/12)
- **PostgreSQL** – Simplilearn (2024/03)
- **Data Analytics Virtual Internship** – Accenture (Forage) (2025/04)
- **Data Visualization** – Deloitte (2025/05)