

# ANURUTH SREE VENKATACHALAPATHY

DATA ANALYST – Power BI, SQL, Python, Data Warehousing, Gen AI

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## Career Snapshot

- Data Analyst and BI Specialist with 4 years of industry experience across **telecom** and **enterprise domains**, skilled in delivering scalable **data pipelines**, **analytical dashboards**, and **AI-integrated insights**.
- Proficient in cleaning, transforming, and **modeling large-scale datasets** using Oracle, Azure, and Power BI to derive actionable insights.
- Developed **automated ETL pipelines** and **interactive dashboards** to support operational KPIs, financial planning, and resource allocation.
- Played a key role in **delivering business intelligence** solutions by integrating data from platforms like SAP, Oracle, and Workday.
- Spearheaded the **development of complex visualizations** and backend logic in Power BI, improving report responsiveness and decision-making accuracy.
- Led **dashboard development**, conducted code reviews, and presented insights to **business stakeholders** through client-facing presentations.
- Frequently collaborated with **cross-functional teams** and **provided release support on-site at client locations**.
- Received the “**Wall of Fame**” award at **Accenture** for **outstanding performance** and proactive solution delivery.
- Contributed to **AI-enhanced analytics** use cases where **Power BI** acted as the decision layer over **AI-generated outputs**.
- Developed in the **Enterprise BI and AI Integration domain**, ensuring delivery met simulated enterprise standards through rigorous data modeling and testing.
- Technical stack includes **Python**, **Power BI**, **SQL**, **Azure Data Services**, REST APIs, and **GenAI frameworks** (LangChain), and blending business intelligence with **emerging AI capabilities**.

## Technical Skills

Programming	Python, TypeScript
Frameworks	CrewAI, Angular
Libraries	NumPy, Pandas, Sklearn, Matplotlib, Tensorflow, LangChain
Cloud	AWS, Azure
Domains	Machine Learning, Generative AI, Agentic AI, Prompting, NLP, Explanatory Data Analysis
Generative AI Technologies	Open-source and paid LLM models (LLaMA, Google Gemini Pro, Mistral), Amazon SageMaker, OpenAPI
Database Systems	MySQL, PostgreSQL, Oracle DB, Vector DB (Redis)
BI tools	PowerBI

## Professional Experience

Infosys Limited  
Technology Analyst

September 2024 – Present  
Bengaluru, IN

## Project Experience

Project	CCM and Colocation
Domain	Telecom
Client	Colt Technologies
Duration	September 2024 - Present
Role	Technology Analyst
Technologies	Python, Power BI, Azure

- Cleaned, transformed, and **pre-processed large volumes of telecom data** to ensure consistency, accuracy, and usability for reporting, using **Oracle Database** as the central data store.
- Maintained automated ETL pipelines to streamline the end-to-end data flow, enabling seamless integration into **downstream visualization layers**.
- Created **dynamic and responsive Power BI dashboards** to visualize **real-time KPIs**, resource utilization, and operational metrics by connecting to REST APIs and cloud-based data sources.
- Leveraged **Azure services** to manage scalable, **cloud-hosted data workflows** and support **scheduled refresh** of reports.

- Conducted in-depth **exploratory data analysis** (EDA) to identify operational bottlenecks, usage patterns, and business trends that informed executive decision-making.
- Collaborated with **cross-functional teams** including UI/UX, product owners, and backend developers to align reporting tools with business goals and user needs.
- Led the development of key features within dashboards, including advanced filters, dynamic visuals, and user-driven insights to enhance business decision-making.
- Periodically travelled to client locations to provide on-ground release support, gather feedback first-hand, and present **tailored BI solutions** aligned with evolving business needs.
- Built strong stakeholder relationships by actively engaging in solution demonstrations, issue triaging, and continuous improvement of reporting capabilities.

Accenture Solutions Private Limited

Data Engineering Analyst

August 2021 – August 2024

Bengaluru, IN

Project Experience

Project	GenWizard
Domain	Enterprise Business Intelligence   Generative AI   SAP Data Analytics
Client	Innovation Hub
Duration	November 2023 – August 2024
Role	Data Engineering Analyst
Technologies	Python, Power BI, OpenAPI, LLM, Crew AI, Azure

- Spearheaded the development of an AI-based enterprise integration project combining platforms like **SAP, Oracle, and Workday** using **Generative AI**.
- Designed and deployed scalable **AI workflows** leveraging **LangChain** for **prompt chaining** and orchestration.
- Implemented **Agentic AI** use cases using **CrewAI** framework, enabling multi-agent collaboration for enterprise tasks.
- Integrated **Azure OpenAI** such as **GPT 3.5, GPT 4, GPT 4o** models with enterprise systems, ensuring high availability and performance in production environments.
- Managed vector databases such as **Redis** for efficient **semantic search** and AI-driven data retrieval.
- Participated in **data modeling** efforts to ensure clean, normalized datasets suitable for **Power BI** report generation and downstream AI tasks.
- Created **data models** and **Power BI dashboards** that supported insights into business operations, resource allocation, and financial planning.
- Collaborated on early **Generative AI** use cases where Power BI served as the **reporting layer** for **AI-generated** recommendations and data summaries.
- Developed key backend algorithms to **automate data transformation** logic and improve visualization responsiveness within dashboards.
- Spearheaded **business presentations** to stakeholders, communicating insights and demonstrating dashboard capabilities for operational impact.
- Utilized **SAP-based test datasets** and **functional test cases** to simulate real-world enterprise reporting needs, validating the platform's **AI-generated insights** and Power BI dashboard logic against business expectations.
- Actively participated in **client-organized knowledge-sharing sessions** and product showcases, staying aligned with their evolving analytics needs.
- Contributed ideas during client workshops that were later implemented into **solution enhancements**, strengthening collaboration and trust.

Project Experience

Project	Resource Management Tool (POC)
Domain	Enterprise Resource Planning (ERP) Analytics
Client	Innovation Hub
Duration	February 2023 – November 2023
Role	Data Engineering Analyst
Technologies	Python, Power BI, Azure

- Developed visually rich Power BI dashboards to display team hierarchies using custom visuals highlighting employee distribution across projects and levels.

- Built an **analytics console** within Power BI to enable managers to track team strength, resource gaps, and allocation efficiency through real-time metrics.
- Designed intelligent forms for **structured data input** on new resource requests, which automatically fed into backend data models used in dashboards.
- Implemented a **comparative model** within Power BI to visualize actual vs proposed team configurations, enabling proactive resource planning.
- Led the technical execution of the POC, **translating abstract resource planning** needs into tangible, interactive reports and **analytics modules**.
- Coordinated closely with **business stakeholders** to refine data points and KPIs, ensuring the solution aligned with real-world decision-making needs.
- The success and visibility of this initiative earned recognition across teams, paving the way for deeper involvement in **Generative AI** and its integration into future BI solutions.

**Project Experience**

Project	Panorama Dashboard
Domain	Business Intelligence (BI) and Reporting
Client	Innovation Hub
Duration	August 2021 – November 2023
Role	Data Engineering Analyst
Technologies	Python, Power BI, Azure

- Automated **data extraction from `.xlsx`** files and built a repeatable pipeline for **cleaning** and **shaping raw datasets** for direct Power BI consumption.
- Designed **intuitive dashboards** using slicers, filters, and conditional formatting to allow end-users to drill down into business insights.
- Built **end-to-end data preparation pipelines** to ensure clean, reliable inputs for dashboards, aligning closely with business reporting needs.
- Designed interactive Power BI dashboards equipped with **slicers, filters, and drill-down features** that empowered users to explore KPIs and trends independently.
- Enabled interactive reporting by adding **chart-type toggling, duplication, and PDF export functionalities** using **Power BI Service** and custom visuals.
- Designed and deployed interactive visualizations using **Chart.js**, enabling **detailed exploration of KPIs**, trends, and performance metrics directly from **embedded UI dashboards**.
- Integrated a **chatbot interface** to support conversational queries and simplified access to insights, boosting user engagement.
- Provided strong support during QA and UAT cycles, **ensuring dashboard accuracy**, visual responsiveness, and alignment with user experience goals.
- Quickly adapted to **fast-changing project requirements**, proactively **proposing technical solutions** that improved usability and report performance.
- Demonstrated strong ownership in a **high-learning environment**, earning recognition and awards for early contributions and problem-solving initiative.

**Education**

<b>BITS Pilani - WILP</b> <i>Master of Technology, Data Science and Engineering</i>	<b>2024 - Present</b> <i>Bengaluru, IN</i>
<b>Easwari Engineering College</b> <i>Bachelor of Engineering, Electronics and Communication</i>	<b>2017 - 2021</b> <i>Chennai, IN</i>

**Awards & Certification**

- Achieved **Quarterfinalist** status in the **IICDC 2019** competition, organized by **Texas Instruments**.
- Received **Rookie Rockstar of the Year 2022** Award in Accenture appreciating excellent performance in project.
- Participated in the **AWSome Day Online Conference 2023** conducted by Amazon to gain insights into the step-by-step processes of AWS Core Services.
- Received the **Wall of Fame Award** at Accenture for outstanding performance in **FY2024**.