

PRAKASH TEKI

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SKILLS

- **Data Analysis & Visualization:** Power BI (DAX, Power Query), Tableau, Excel (Pivot Tables, Macros), QuickSight
- **Programming & Databases:** SQL (optimization & tuning), Python, R, SAS | PostgreSQL, MS SQL Server, Oracle, Snowflake
- **ETL & Data Engineering:** Azure Data Factory, Databricks, Spark, DBT, SSIS | Data Warehousing, Data Migration
- **Cloud & Storage:** Microsoft Azure (ADLS Gen2, Blob Storage), AWS, GCP, Power Platform (Power Apps, Power Automate)
- **Business Intelligence:** KPI Development, A/B Testing, NPS/CSAT Analysis, Customer Lifecycle Analytics, Market Research
- **Soft Skills:** Problem-solving, Communication, Leadership, Decision Making, Collaboration, Presentation

PROFESSIONAL EXPERIENCE

Wisdom Index Advisors - Data Analytics Engineer Intern

Aug 2025 – Dec 2025

- Designed and deployed a PostgreSQL cloud database with 37+ financial metrics across 6 analytical categories, eliminating Excel-based workflows and reducing financial advisor data lookup time by 70%
- Developed 39 SQL queries to calculate and track key financial KPIs reducing client financial analysis time by 50%
- Built a full-stack financial analytics dashboard using Next.js/React (frontend) and Python Flask REST APIs (backend), integrating OpenAI GPT-4 for AI-powered financial summaries that reduced advisor review time by 80%

University of North Texas – Data Analyst

Feb 2024 – Aug 2025

- Designed interactive Power BI dashboards featuring state-level heat maps, demographic breakdowns, and airport proximity analysis, uncovering that 2 states accounted for 60% of transplant operations and identifying 3% of hospitals with limited airport access.
- Performed exploratory data analysis on 1M+ hospital patient records to uncover state-level kidney transplant operation trends and demographic patterns, designing Power BI dashboards with geographic visualizations and KPI'S using star schema.
- Engineered a geospatial analysis solution using Python libraries (pandas, geopy, scipy, numpy, tqdm) to geocode hospital locations, build KDTree spatial indices for nearest neighbour calculations, and map optimal airport-to-hospital routes for organ transportation.

Accenture - Data Analyst

Nov 2021 – Dec 2023

- Designed and maintained Oracle OLTP & OLAP databases, optimizing SQL query performance by 40% through indexing and schema restructuring for high-volume transactional systems.
- Collaborated with Data Engineering teams to integrate ServiceNow Configurations for real-time data ingestion, improving data freshness for operational reporting by 50%.
- Developed and executed ETL transformation scripts to process financial data pipelines, ensuring clean, validated data for downstream analysis and business intelligence dashboards.
- Built financial reporting dashboards using semantic data models to analyse performance across 5+ business categories, reducing manual reporting time by 33% and improving stakeholder decision-making speed.

PROJECTS:

E-commerce ETL Pipeline | Databricks Medallion Architecture| PySpark | SQL | Dashboarding

- Developed a scalable ETL pipeline on Databricks using medallion architecture (Bronze → Silver → Gold) to transform 100K+ e-commerce transactions into analytics-ready tables through dimensional modeling across 6 data layers.
- Created 6 PySpark notebooks with Unity Catalog integration for dimension/fact processing, built interactive Databricks dashboards.

Netflix Content Analysis | SQL Project

- Analyzed 8,000+ Netflix titles using PostgreSQL to solve 15 business problems including content distribution trends, top-performing countries, genre analysis, and actor appearance patterns.
- Implemented advanced SQL techniques (CTEs, window functions, string manipulation) to categorize content quality.

Employee Lifecycle Analytics & Churn Prediction | Power BI

- Built an end-to-end employee lifecycle analytics dashboard analyzing 1,500+ records to identify churn patterns and predict attrition risk, calculating employee lifetime value (LTV) metrics and tracking key performance indicators including satisfaction scores, tenure impact, and retention rates across departments

EDUCATION

Master of Science in Business Analytics

January 2024 – December 2025

University of North Texas - G. Brint Ryan College of Business

Bachelor of Commerce in Honours

July 2018 – August 2021

Osmania University

CERTIFICATIONS:

Microsoft Certified: Power BI Data Analyst Associate

LEADERSHIP: Vice president | Berakah Campus Ministries , Communications Director | Cyber Security Club