

Praveen Kumar

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Education

Lendi Insitute of Engineering and Technology, Vizainagaram 2018-2022
Bachelor of Technology in Computer Science and Engineering (GPA: 7.04 / 10)

- **Relevant Coursework:** Data Structures and Algorithms (C++), Prob & Stat in CS (Python), Intro to CS II (C++), Linear Algebra w/Computational Applications (Python)

Experience

Wipro Technologies May 2024 – Present
PowerBI Analyst(Microsoft Certified PL-300) *Bangalore, Karnataka*

- Built and maintained power BI dashboards for loan disbursement, credit card approvals and customer onboarding KPIs.Connected Power BI to SQL Server and Oracle Server to ingest and validate transactional and customer data.
- Wrote advanced DAX measures for credit risk scoring, churn rate analysis, and YTD comparisons. Implemented row-level security (RLS) for branch-wise and role-based access.
- Ensured compliance aligned reporting for SAMA and internal audits. Built and maintained Power BI dashboards for loan repayment, credit card approvals, and customer onboarding KPIs.

LONTRIX LTD April 2023 – May 2024
SQL Developer *Remote*

- Created a database to store asset details like purchase date, cost and condition. Automated updates from inspection and maintenance reports. Helped reduce asset downtime by sharing data with the maintenance team.
- Automated updates from inspection and maintenance reports.Made sure the data could be easily used in audits.
- Developed and maintained Oracle SQL scripts to extract, transform, and validate data across core banking systems.
- Managed data pipelines for dashboards covering loans, customer accounts, credit card usage and ATM transactions.
- Ensured compliance by building auditable SQL data flows for risk and finance departments. Integrated data from core banking, treasury and CRM systems into a centarlized oracle department.
- Performed data quality checks, query optimization and schema tuning for reliable reporting.

Projects

AI-ML Core Designer | *Smart-Grid Forecasting Anamoly detection using Dataiku (Dataiku DSS, Python, Excel, PowerBI)*

- Used Dataiku time series preparation and forecasting modules to predict voltage/frequency anamolies across substations.
- Integrated multiple data sources (load profiles, equipment logs, outage history) into a central ML pipeline.
- Applied modules like XG Boost, Random Forest and LSTM (via Python code environment) to enhance accuracy.
- Created real time alerts and dashboards in Power BI, powered by Dataiku model outputs.
- Delivered a 10-15 percentage reduction in unplanned outages by enabling proactive maintenance insights.

Technical Skills

Languages: Python, SQL, Java
Visualization Tools: Power BI, Excel, Tableau
ETL Tools: Dataiku, Azure Data factory, Talend, SSIS
Databases: PostgreSQL, SQL Server, SAP HANA, MySQL, MongoDB
AI/ML: ARIMA, Prophet, Scikit-Learn, Feature Engineering
Cloud Platforms: Azure, AWS, SAP, Collibra CDQ/CDIP

Certifications

Microsoft Certified: Power BI Data Analyst Associate (PL-300) Certification Number: D0A3A4-1D3CF9
Issued: January 2025