

PRAMUKH CHANDRA MOLUGU

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EDUCATION

Wilmington University

Master of Science in Information Systems Technologies

Wilmington, DE, USA

May 2020

Jawaharlal Nehru Technological University

Bachelor of Technology in Computer Science

India

February 2014

TECHNICAL SKILLS

Languages & Automation: Python, SQL, T-SQL, JSON, YAML

Data Science & Analytics: Statistical Analysis, A/B Testing, Hypothesis Testing, Mathematical Modeling, Predictive Modeling, Experimentation Design

Reporting & Visualization: Power BI, Tableau, ThoughtSpot, SSRS, Excel

Data Platforms & Pipelines: SQL Server, Oracle, Trino/Presto, AWS S3, Databricks, SSIS, Rundeck

Collaboration & Tools: Git, GitHub, Azure DevOps / Service Desk, Bitbucket

WORK EXPERIENCE

Data Scientist (Contract)

Comcast Corporation, Philadelphia, PA, USA

May 2025 - Present

- Applied statistical analysis and mathematical modeling on large-scale customer, product, and network datasets to extract insights informing product strategy and key investment decisions across Comcast's digital platforms and connectivity services.
- Designed and analyzed A/B tests and product experiments to evaluate effectiveness of new features and service improvements across Xfinity platforms, leveraging Python and SQL to process and transform complex datasets.
- Developed and maintained dashboards and reporting systems providing clear visibility into product adoption, user behavior, conversion funnels, retention, and overall business performance for 15+ cross-functional stakeholders.
- Built scalable ETL workflows, data pipelines, and data models across Trino/Oracle/SQL Server ensuring reliable data foundations for analytics, experimentation, and reporting while translating complex findings into actionable insights for product and engineering teams.

Data Analyst/SQL Developer

Skygen USA LLC, Menomonee Falls, WI, USA

January 2022 - March 2025

- Designed and automated recurring reporting frameworks using T-SQL stored procedures and SSIS ETL pipelines, delivering 40 production reports for operations and client teams with 40-60% performance improvement on heavy workflows.
- Built ad hoc ETL pipelines and rigorous data validations across inbound/outbound healthcare datasets cleaning, joining, and auditing multi-source tables to ensure accuracy for executive and compliance reporting.
- Prepared slide-ready charts and summary tables for leadership audiences, resolving 25+ reporting enhancement tickets/month while conducting QA peer reviews and validating dataset integrity.
- Collaborated with business stakeholders to translate reporting requirements into SQL-based data solutions, documenting transformation logic and data flows for governance and auditability.
- Improved SQL query performance through indexing and execution plan tuning, reducing runtime by 40-60% on high-priority reports and increasing reporting reliability.

Business Intelligence Developer

EMR Metal Recycling, Camden, NJ, USA

July 2020 - December 2021

- Designed enterprise warehouse and reporting solutions using T-SQL, SSIS, SSRS, and Tableau, enabling standardized analytics and automated data movement across 20 business functions and regions.
- Built scalable ETL and data pipelines supporting 15 recurring feeds, improving reporting availability by 20-30% and reducing manual data preparation overhead for recurring leadership-facing reports.
- Identified and resolved reporting and database performance issues through system health monitoring and SQL best practices, reducing recurring incidents by 25-35%.

Data Analyst

Adaequare, Hyderabad, India

July 2015 - December 2018

- Developed ETL pipelines and executive dashboards (Tableau, SSRS, Power BI) for healthcare claims and eligibility datasets, improving data integrity by 35% through automated validation rules.
- Delivered ad hoc SQL extracts and stakeholder analysis handling 5-10 requests/week during peak demand, optimizing SQL performance and reducing report runtime by 50%.