



SUMMARY

- **Analytics Engineering Leader** with 13+ years of experience driving large-scale data migration, warehouse modeling, and machine learning initiatives to deliver business-critical insights.
- Proven track record of **building and mentoring high-performing teams**, serving as SME in **dbt and Snowflake**, and enabling adoption of best practices across data engineering functions.
- Expertise in **actionable dashboard delivery** using SQL dialects (Snowflake, MS SQL, MySQL, Postgres) and modern tools including **dbt, PySpark, SSAS, Power BI, QlikView, and Tableau**.
- **SnowPro Core certified SQL expert** with in-depth knowledge of **dbt implementation**, model design, and workflow orchestration.
- Extensive domain experience spanning **Banking, HR Analytics, Healthcare (Claims, EHR, OMOP), Finance, and Marketing Campaigns**, consistently aligning analytics solutions with business priorities.
- Skilled in **data governance and compliance** (HIPAA, GDPR), ensuring secure handling of PHI and PII through robust masking and controls.
- Recognized for designing **award-winning dashboards** and delivering insights that directly influence executive decision-making and corporate strategy.
- Adept in **Agile methodologies (Scrum, Kanban)** and modern DevOps practices (Azure DevOps, GitHub), ensuring efficient delivery pipelines and version control.
- Experienced in **collaborating with CXOs and senior leadership**, translating complex analytics into impactful business products.
- Holds an **M.S. in Data Science**, with mastery of advanced analytics and machine learning techniques, and a passion for mastering emerging technologies and navigating steep learning curves.

CERTIFICATIONS

- Snowflake SnowPro core - [verification link](#)
- Microsoft certified Azure AI Associate - [verification link](#)

TECHNICAL SKILLS

Database Tools: MySQL, MongoDB, MS SQL, Snowflake, Spark, Redshift, Hadoop

ETL Tools : MS SQL Server Integration Services, DBT (Data Build tool), Stored Procedures, Alteryx

Data Visualization: Power BI, QlikView, Qlik Sense, Tableau

Languages: Python, SQL

Machine Learning: Linear/Logistic Regression, Ensemble Trees, Gradient Boosted trees, ANN, CNN, LSTM

Cloud Services: AWS (S3, EC2, RedShift), Azure (Power BI Embedded, Azure SQL database, Azure Pipeline), Azure AI (Microsoft certified Azure AI Associate)

SOFT SKILLS

- Design Dashboards • Data Governance • Optimization Techniques • ETL
- Data Visualization • Data Manipulation •
- Predictive Modelling & Analytics • Sentiment Analysis • Machine Learning Methodologies
- Programming • Process Improvement • Prompt Engineering • Team Coordination & Leadership • Project Delivery

PROFESSIONAL EXPERIENCE

Technical Manager

Oct '20 - Present

IntegraConnect, Centrex Global Revenue solutions LLP

Bengaluru, IN

Integra Connect is a company that provides technology and services to help specialty care succeed, clinically and financially, with the emergence of value-based care.

Key Achievements

- Initiated and delivered **4 generative AI POCs**—2 are shortlisted for production rollout
 - **Document Manager:** RAG-based assistant using Azure OpenAI and ChromaDB to retrieve internal knowledge in seconds—boosting SME productivity and reducing lookup time across Confluence, Jira, and local docs

- o **Synthetic Data Generator:** Built a Python tool using prompt engineering to automate dbt unit test data creation and documentation scaffolding. Cut dev cycle time by ~20% and made test coverage less brittle.
- o **Actionable Insights:** Empowers users to extract insights from complex datasets instantly—reducing dependency on analysts and speeding up decision-making.
- o **Peer Review Buddy:** Lightweight reviewer for SQL/dbt code, tuned for readability and logic gaps.
- Active contribution to data modeling, ETL processes, & **modeling for reporting**, leading to the delivery of Power BI reports from diverse sources, enhancing data with source traceability across businesses **Population Health, Care Management, Revenue Cycle Management**.
- Led a cross-functional initiative to optimize **DAX measures and SQL models**, achieving 60% faster reporting and empowering stakeholders with timely insights for strategic decisions.
- Successfully completed the **Data migration and Business Logic code migration** from MS SQL server to Snowflake using dbt and orchestrated the jobs to **reduce the Data refresh time 80%**.
- Provided subject matter expertise in **dbt and Snowflake**, guiding team members to adopt best practices and strengthening overall data engineering effectiveness.

Associate, Data Analytics and Reporting Specialist

Sep '16 - Oct '20

JP Morgan Chase & Co.

Bengaluru, IN

Key Achievements

- Converting the existing Manual Reports to **Qlik Sense, QlikView and Tableau** environment, and thus **saved 200+** Manual hours per month.
- Awarded 3 times with **Quarterly Best performer** award for delivering One stop solution for **firm-wide Headcount reports** by eliminating manual reports and manual intervention in the data processing **which saved 80+ hr per month**.
- Provided useful and actionable Insights via Dashboards and saved one day work a week (**~40 hrs/ month**) **for one of our Vice President** by designing a workflow and a dashboard.
- Improved existing SQL query and **process efficiency by ~30%**. Actively contributed towards reducing development effort by providing inputs on best practices and shared with peer developers via multiple sessions

Senior Systems Engineer

Feb '13 - Sep '16

Infosys Limited.

Bengaluru, IN

Key Achievements

- Received Star Award for optimizing and delivering Excel-based reports **with 50% less turnaround** time.
- Developed Power BI reports for tracking the Digital content usages of Microsoft which **saved 40 hours** per month.
- Completed scheduled 6 months training in 4 months as a **fast learner**.

EDUCATION

Master of Science, Data Science

Jan '22 - Dec '23

The University of Arizona

- **Course Modules:**

Data Visualization | Tableau | Analytics Problem Solving | Data Analysis using SQL | Introduction to Python Programming in Python | Python for Data Science | Inferential Statistics | Hypothesis Testing

Introduction to Machine Learning and Linear Regression | Logistic Regression | Tree Models | Neural Networks| Natural language Processing

| Hive SQL | Hadoop | Apache Spark

Bachelor of Engineering, Aeronautical Engineering

Aug '08 - May '12

Anna university

Coimbatore, IN

Sri Ramakrishna Engineering College

- **Secured 80%**

Languages

- Tamil - Native
- English - Fluent
- Deutsch/German - Beginner

PROJECTS

RAG-ING

<https://github.com/selva-k-r/RAG-ing>

Document Manager

Built a Retrieval-Augmented Generation assistant using Azure OpenAI and ChromaDB to surface internal knowledge from Confluence, Jira, and local docs—cutting SME lookup time to under 2 seconds and boosting productivity across support and onboarding workflows