

# Victoria Banavath

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## Professional Summary

Data Analyst with 7 years of experience in fintech, banking, and financial services, specializing in Python, SQL, and Power BI. Spearheaded Oracle-to-SQL Server migration, validating data-mapping rules and ensuring zero data loss. Drove a 20% improvement in operational efficiency at HSBC by delivering KPI dashboards in Tableau and Excel. Promoted from Associate Data Analyst to System Data Analyst in just two years.

## Technical Skills

- **Programming & Scripting:** Python, pandas, NumPy, Matplotlib, SQL, PL/SQL, R
- **Databases & ETL Tools:** Snowflake, MS SQL, PostgreSQL, MySQL, SSIS, AWS Glue, Airflow, SAAP, SAAS
- **Visualization:** Power BI, DAX, Tableau, Excel Pivot Models, VBA
- **Cloud:** AWS S3, Athena, Lambda, Redshift, Azure Data Factory
- **Data Governance & Quality:** Data Validation, Lineage, Metadata, MDM
- **Machine Learning & Automation:** Regression, Classification, Clustering
- **Tools:** Jira, Confluence, Git, ServiceNow

## Professional Experience

### Hexaware

#### *Data Analyst*

**Jan 2025 - Present**

*Ohio, USA*

- Orchestrated Python and SQL data pipelines, consolidating 8+ disparate data sources into Snowflake and cutting manual data preparation time by 40%
- Applied user-centered design principles to build Power BI dashboards, cutting the time users spent searching for key insights by 30% and earning positive feedback
- Implemented rule-based data validation logic that improved data accuracy by 30% and reduced downstream reporting issues
- Optimized Snowflake and Athena SQL queries, improving dataset refresh and report performance by 25%
- Automated daily KPI scorecards using VBA and SSIS, providing real-time tracking of incident patterns, operational performance, and SLA adherence, saving 12 hours per week
- Developed Python scripts to detect anomalies in payment and operational datasets, enabling faster trend identification and a 22% reduction in fraudulent transactions
- Streamlined ETL jobs in collaboration with engineering teams, eliminating redundancy and improving reliability, resulting in a 30% reduction in ETL processing time

### HSBC

#### *System Data Analyst*

**Aug 2019 - Dec 2022**

*Hyderabad, India*

- Developed SQL stored procedures for daily reconciliation of KYC, AML, and transaction datasets, achieving 100% accuracy across systems
- Engineered exception reports in Snowflake using Python scripts to identify data errors, enabling team remediation within 24 hours
- Automated data validation with Python, reducing manual remediation time by 35% and improving overall data quality
- Designed enterprise-wide data dictionaries, lineage documentation, and standardized mapping templates, saving 15 hours in analyst onboarding
- Designed and implemented 6 interactive KPI dashboards in Tableau, which boosted data-driven decision-making speed across the department by 15% as measured by internal surveys

### Karvy IT Solutions

#### *Associate Data Analyst*

**Mar 2017 - May 2019**

*Hyderabad, India*

- Enabled the integration of new data sources into existing reports, expanding data coverage by 40% and improving the accuracy of key performance indicators by approximately 95%
- Engineered complex SQL queries in PostgreSQL for customer segmentation, improving targeting strategies by 18%
- Migrated daily and weekly reporting from Excel VBA macros to Python pandas, resulting in a 25% decrease in report generation time and \$25k savings annually
- Architected data pipelines using pandas and SQL, transforming Excel VBA reporting macros into efficient automated processes, which optimized data delivery times by 30% across the organization
- Built and maintained SSIS ETL pipelines, enabling the BI team to generate monthly reports on time
- Led the Oracle-to-SQL Server migration using SQL Server Migration Assistant and Snowflake, performed full data validation with SQL scripts and Excel pivot models, and delivered a zero-data-loss transition for over 50 downstream users
- Standardized metadata templates and mapping documents in Git and Confluence, applying DAX for data modeling, which reduced data source onboarding time by 20%

## Education

### Franklin University

*Master of Science, Information Technology*

**Jan 2025**

### Osmania University

*Bachelor of Technology, Electronics and Communication Engineer*

**May 2016**