

# ABHISHEK SEETHARAMAIAH

## Data Analyst

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### Professional Summary:

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- Experienced **Data Analyst with 4 years of hands-on experience** in **Data Analysis and Cloud-based Solutions** across **Banking and Insurance domains**.
- Strong experience in building end-to-end data pipelines on **AWS, GCP, and Azure**, integrating high-volume enterprise data for reporting, analytics, and advanced data use cases.
- Proficient in **SQL** and **Power BI**, developing interactive dashboards, KPI scorecards, and advanced DAX-based analytics to enable data-driven decision-making for business and leadership teams.
- Strong expertise in data extraction, transformation, profiling, and data modelling using **SQL, Python, SAS, Hive, Impala, and Teradata**, ensuring high-quality and reliable datasets for reporting and analysis.
- Hands-on experience in ETL development, data validation, and performance tuning, with solid understanding of data warehouse concepts including star schema, fact-dimension modelling, and relational database design.
- Exposure to AI/ML initiatives, supporting PoCs and automation of data workflows using cloud-native tools.
- Experience in metadata management and data governance practices using **Erwin** and **Collibra** within enterprise Data Lake and Lakehouse architectures.
- Strong understanding of cloud infrastructure and CI/CD processes using **AWS (S3, Glue, Lambda, CloudFormation, CloudWatch), Azure, GCP, and Terraform**, ensuring secure and optimised deployments.
- Recognised for improving reporting efficiency, optimising data processes, and contributing to data modernisation initiatives that drive measurable business value.

### Technical Skills:

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<b>Programming &amp; Scripting</b>	Python, SQL, SAS, Hive, Impala, Shell Scripting
<b>Data Engineering &amp; ETL</b>	Informatica IDQ/IICS, Teradata, Data Lake, Lakehouse, ETL Pipelines, DBT, Airflow, Data Warehousing, SQL Orchestration
<b>Cloud Platforms</b>	AWS (S3, Glue, Lambda, Redshift, IAM, CloudFormation, CloudWatch), GCP, Azure
<b>Data Modelling &amp; Governance</b>	Erwin, Collibra, Metadata Management, Data Lineage, Business Glossary, Data Governance
<b>BI &amp; Analytics Tools</b>	Power BI (DAX, RLS, Power BI Service), Tableau, Looker, Excel
<b>AI / ML Tools</b>	Python (Pandas, NumPy, scikit-learn), Cloud AI/ML Services
<b>Version Control &amp; DevOps</b>	Git, CI/CD, Terraform, CloudFormation, Jenkins
<b>Agile &amp; Project Tools</b>	Agile/Scrum, Jira, Rally
<b>Other Tools</b>	Toad, Hue, IntelliJ IDEA, Hadoop

### Experience:

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#### Data Analyst | ACNB Bank, Gettysburg, PA | August 2025 – Till Date

##### Project: Modernization of Legacy Data Warehouse to AWS Data Lake & Lakehouse Platform

Modernization of Legacy Data Warehouse to Azure Data Lake & Lakehouse Platform

Modernized the legacy banking data warehouse into a fully governed Azure Data Lake and Lakehouse environment for reporting, compliance, and risk analytics. Integrated Core Banking, Loans, Payments, and CRM data into a secure platform with strong data quality, metadata, and lineage controls, enabling reliable decision-making across Retail and Corporate Banking.

##### Responsibilities:

- Analysed and gathered business requirements across Retail Banking, Loans, and Payments, and translated them into logical and physical data models aligned with enterprise data architecture standards.
- Gathered business requirements from Retail Banking, Loans, and Payments teams and converted them into **logical and physical data models** following enterprise standards.
- Designed and implemented **ETL pipelines using Azure Data Factory (ADF) and SSIS**, bringing data from 25+ source systems into the Data Lake and Enterprise Data Warehouse. Processed **10 million+ records daily**.
- Built **interactive Power BI dashboards and reports** for tracking KPIs, loan performance, payment trends, delinquency ratios, and compliance metrics.
- Wrote complex **SQL queries** for data extraction, transformation, analysis, and reporting, ensuring accuracy and performance on large datasets.
- Worked on **Azure SQL Server and Azure Synapse Analytics** for data warehousing, performance tuning, and query optimisation.

- Used **Azure Databricks and Python (Pandas)** for advanced data processing, transformation, and validation on big datasets.
- Applied **data warehouse concepts** like star & snowflake schema, fact and dimension modelling, and data governance principles.
- Performed **data profiling, cleansing, and validation**, improving data quality and report accuracy significantly.
- Managed **metadata, data catalogues, and data lineage** to ensure audit readiness and compliance.
- Implemented **role-based access control using Azure RBAC** to secure data access for different users.
- Worked closely with Data Architects, Data Engineers, and business teams in an **Agile/Scrum environment** using Git and Jira, reducing reporting issues by 40%.

**Environment:** SQL, Python (Pandas), SSIS, Power BI, Azure SQL Server, Azure Synapse Analytics, Azure Data Factory, Azure Databricks, Data Lake, Lakehouse, ETL, Data Warehousing, Data Modelling, Metadata Management, Data Governance, Agile/Scrum, Git, Jira.

### **Data Analyst | Q-Dat IT Solutions, Karnataka, India | Jan 2021 – July 2024**

#### **Project: Insurance Data Platform Modernization & Cloud Data Integration Program**

Worked on modernising insurance data platform by integrating Claims, Membership, Benefits and Case data into AWS and GCP ecosystem for reporting and compliance. Focused on data cleansing, transformation, modelling, governance and automated ETL to deliver accurate and faster business insights.

#### **Responsibilities:**

- Worked closely with Product, Solution Engineering and Business teams to **understand and analyse complex insurance data requirements** across Claims, Membership, Benefits, and Case Management, and converted them into actionable BI and analytical solutions.
- Performed **data extraction, cleansing, standardisation, profiling and transformation** using **SAS, Teradata, Hive, Impala, Python, SQL**, improving data accuracy from **90% to 98%** for reporting and analytics.
- Created and maintained **data models and business glossaries** using **Erwin and Collibra**, standardising definitions across insurance domains and reducing reporting discrepancies by **30%**.
- Developed **Proof of Concepts (PoC) and automated data solutions** in Python, which reduced manual processing time by **40%** and accelerated reporting cycles.
- Integrated data from multiple **on-premise and cloud sources (AWS & GCP)** into enterprise data pipelines, supporting high-volume insurance reporting, regulatory compliance, and analytical dashboards.
- Acted as the **data expert for Agile Scrum teams**, guiding user story creation, providing test scenarios, validating deployed solutions, and presenting results to Product Owners and stakeholders.
- Implemented **ETL and data modernisation techniques** using Hive, SQL, Python, and AWS cloud tools, handling **millions of insurance records daily** with accuracy and efficiency.
- Applied **data governance principles**, tracked data lineage, maintained metadata, and documented workflows to ensure compliance with internal and regulatory standards.
- Managed **AWS cloud initiatives**, designing secure infrastructure, configuring IAM and networking baselines, and standardising deployments using **Terraform and CloudFormation**.
- Improved **CI/CD workflows** implemented monitoring and alerting via **CloudWatch**, and supported incident triage, troubleshooting, and post-issue resolution to maintain smooth operations.
- Proactively suggested and implemented innovative solutions to enhance **customer experience and operational efficiency**, collaborating with stakeholders to achieve measurable business outcomes.

**Environment:** SAS, Teradata, Hive, Impala, SQL, Python, Tableau, Looker, Erwin, Collibra, Git, IntelliJ IDEA, Hadoop, AWS (S3, Lambda, Glue, IAM, CloudFormation, CloudWatch), GCP, ETL, Data Warehousing, Metadata Management, Data Lineage, Data Governance, Agile/Scrum, Toad, Hue, CI/CD, Terraform.

#### **Certifications:**

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| ✓ <b>Datacamp</b> – Machine Learning                         | ✓ <b>AWS</b> – Certified Cloud Practitioner       |
| ✓ <b>Deeplearning.AI</b> – AI For Everyone                   | ✓ <b>GCP</b> – Associate Cloud Engineer           |
| ✓ <b>IBM</b> – Introduction to Artificial Intelligence (AI)  | ✓ <b>UMich</b> – Python Programming for Everybody |
| ✓ <b>GCP</b> – Architecting with Google Cloud Specialization | ✓ <b>Kaggle</b> – Py                              |

#### **Education:**

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- ✓ **Bachelor of Engineering (B.E.) in Information Science and Engineering**  
Presidency University, Bengaluru, Karnataka, India
  - ✓ **Master of Science (M.S.) in Computer Science and Engineering**  
Virginia Commonwealth University, Richmond, Virginia, USA