ELLIPSE
EDUCATION

AZURE TRAINING PROGRAM

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MEET YOUR MENTOR

Abhishek Agrawal, a Microsoft Certified Azure Data Engineer with over 7 years of immersive hands-on experience, is a catalyst for career transformations in Azure Cloud. A distinguished NIT Raipur graduate, he specializes in Azure Data Factory, Databricks, Synapse Analytics, and more.

Abhishek's pedagogy seamlessly integrates theoretical knowledge with practical insights, offering a holistic learning experience in data engineering.

Renowned for propelling hundreds of individuals into thriving Azure Cloud careers, Abhishek's teaching philosophy revolves around real-world projects, daily practice, and a steadfast focus on practical implementation.

His commitment extends beyond conventional learning, providing comprehensive support for career transitions, interview preparation, and perpetual access to class recordings.

Embark on a transformative learning journey with Abhishek, where his passion for immersive education ensures that every concept taught is immediately applicable and relevant.

Join his dynamic classes for a hands-on exploration of the world of data engineering, cloud solutions, and the pathway to unparalleled career success. Let Abhishek guide you in constructing your success story in the realm of data engineering.

WHAT SETS US APART?

Compact & Interactive Batch Training

Peer-to-Peer Learning Environment

Real-time Training with Practical Experience

Certification Support (AZ-900, DP-900, AZ-203)

Professional Resume Building Assistance

Job Profile Optimization

Mock Interview Sessions

Guidance for International Job Interviews

Lifetime Access to Course Recordings

Course Completion Certificate

Comprehensive Interview Questions from 50+ Companies

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COURSE - DATABRICKS & SPARK

This Course is ideal for:

- Individuals seeking a specialized course in Big Data and Databricks.
- Professionals with experience in the Azure tech stack.
- Those possessing knowledge in SQL or Python.

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COURSE - DATABRICKS & SPARK

COURSE DURATION - 2 MONTHS

1) Introduction to Databricks SQL

2) Databricks Workspace Overview

3) Databricks Machine Learning Fundamentals

4) Lakehouse Platform Accreditation Basics

5) Understanding Databricks Architecture and Services

6) Cluster Management: Creation and Administration

7) Notebook Versioning and Databricks Repositories

8) Delta Lake Introduction and Table Management

9) Table Manipulation with Delta Lake

10) Advanced Delta Features and Delta Lab

11) Relational Entities in Databricks

12) Database Creation and Views

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13) ETL using Spark SQL

14) Optional Data Processing Techniques

15) MultiHop Processing

16) Delta Live Tables

17) Task Orchestration with Databricks Jobs

18) Lakehouse Architecture Overview

19) Bronze Ingestion Patterns

20) Promotion to Silver Layer

21) Gold Query Layer Implementation

22) Secure Data Storage Practices

23) Updates and Deletions Propagation

24) Orchestration and Scheduling Techniques

25) Course Conclusion – Key Takeaways

* **Includes Resume Building, Mock Interview & Certificate Assistance**

Architectures Covered Within the Course are as Follows

COURSE FEES - RS 20,000

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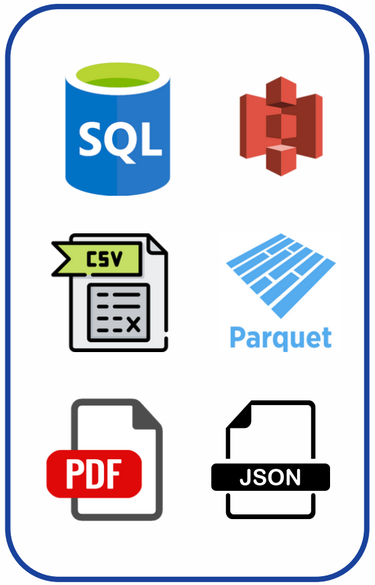
Sources



Ingestion with Synapse Pipelines

Lakehouse Storage Layers

Bronze

Azure Data Lake

Original Format

Silver

Azure Data Lake

Delta

Gold

Azure Data Lake

Delta

OR

OR

Processing or Transformation with Databricks or Synapse Pipelines

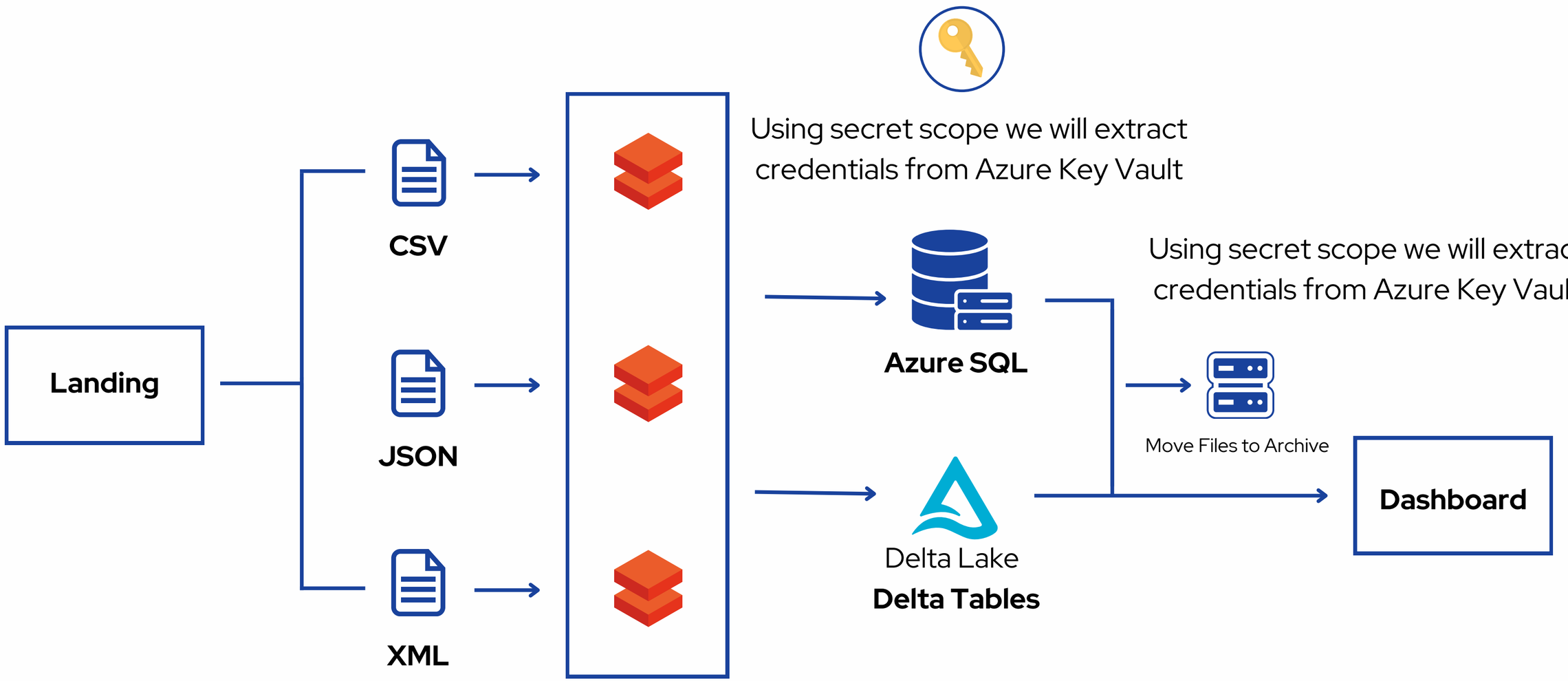
Serverless OR Dedicated Pool

Serve

Power BI

Azure ML

And Other User Facing Tools


Using secret scope we will extract credentials from Azure Key Vault
Landing
CSV
JSON
XML
Azure SQL
Using secret scope we will extract credentials from Azure Key Vault
Move Files to Archive
Dashboard
Delta Lake
Delta Tables

CONTACT US

If you have any questions, feedback, or inquiries, please don't hesitate to get in touch with me.

I strive to respond to all inquiries within 24-48 hours.

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