

6 Months Program – Enterprise Data Engineering

Month 1–2

- **Advanced SQL**
- **Python & Shell Scripting**
- **Data Warehousing**
- **Cloud Fundamentals**

Month 3–4

- **Spark Optimization**
- **Kafka Streaming**
- **Delta Lake & Lakehouse Concepts**
- **Databricks Fundamentals**

Month 5

- **Airflow Orchestration**
- **CI/CD Pipelines**
- **Data Governance**
- **Monitoring & Logging**

Month 6

Capstone Projects

- **Real-Time Streaming Analytics**
- **Enterprise Data Lake Implementation**
- **Cloud Migration Pipeline**
- **Customer 360 Data Platform**

Deliverables

- **Enterprise Projects**
- **Cloud Deployment Experience**
- **Placement Preparation**
- **Internship Certificate**