



What you learn from this course

- ❑ How to setup a required infra for azure project development.
- ❑ Creating ADF pipelines, triggers.
- ❑ Data cleaning, modelling, transformations, etc.
- ❑ Creating feature, dev/collaboration, main branches in azure for version control.
- ❑ How to create a pull request (PR) and get an approval for the same after code review.
- ❑ Create/Update sprints for tracking the development progress in ADO board against user stories assigned.
- ❑ Creating PySpark and Spark SQL Code in Databricks notebooks and executing it through via ADF Pipeline.
- ❑ Incremental (or) Delta load, Full load implementation by using ADF.
- ❑ How to create metadata driven ETL Pipelines in ADF by using the metadata tables.
- ❑ Logging, email alerting, checking the error logs etc.
- ❑ **Data governance by using Role Based Access Control (RBAC) and Unity Catalog (UC).**
- ❑ Usage of Azure Active Directory (ADF).
- ❑ How a project will be deployed in Production environment.
- ❑ Executing a project in agile methodology.
- ❑ Telecom domain functional knowledge.



Who can enroll for this project




- ❑ Students who are pursuing their final year
- ❑ Non cloud data engineers who want to move to azure cloud
- ❑ Other discipline IT employees who want to migrate their career to a cloud data engineer
- ❑ Who wants to gain real time project execution experience as a azure data engineer
- ❑ Who wants to show their real time project experience in their resumes

Prerequisites to execute this project

- ❑ Azure account with valid subscription (Free trial/Pay as you go)
- ❑ Azure fundamentals (ADF,ADLS,ADB)
- ❑ Python, SQL, Spark Basics
- ❑ Dedication and patience

Instructors



Role	Experience	Certifications
Senior Data Engineer	9 Years	
Azure Administrator	3 Years	
Azure Cloud Engineer	3 Years	



FAQ's

Q: Generally how many years of experienced cloud data engineers can execute this kind of project in real time?

A: Around 3 years. So, if you are able to execute this project by your own then you may be considered the same level of experienced data engineer

Q: Shall we explain this project in our future interviews for cloud data engineer role?

A: Yes. You can explain by adding some client name and with the similar project use case.

Q: Live class timings?

A; 5 weekends (Saturday & Sunday). 9 AM IST to 11 AM. Starts on 6th January, 2024.

Q: Where we can learn basics for ADF, Databricks?

A: [Clever Studies Job Ready Program Road Map - Google Sheets](#)

Q: If we have any queries while executing this project ? Where to post our doubts.

A; You can join our WhatsApp or Telegram group and post your queries. Or send an email as well (Links given in next slide) .

Q: What is the course fee and where to enroll.

A; Please visit our website [Clever Studies](#) for more details.

Social Media Appearance



WhatsApp Group joining link : <https://chat.whatsapp.com/C70cGzAEKC1LnSw60U9FVO>

Telegram Group joining link: <https://t.me/+eMaiZNWTPmZkYmVI>

Email: cleverstudies.edu@gmail.com

Clever Studies LinkedIn: [Naresh Kumar Boddupally | LinkedIn](#)

Facebook: <https://www.facebook.com/profile.php?id=61554388460897>

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