Build Modern ETL Data Pipeline using Informatica cloud

A very common use case in data engineering is to build an ETL system for a data warehouse, to have data loaded in from multiple separate databases to enable data analysts/scientists to be able to run queries on this data since the source databases are used by your applications and we do not want these analytic queries to affect our application performance and the source data. In this project, we will build an ETL system with Informatica cloud. Informatica Cloud is an on-demand subscription service that provides a complete platform for cloud integration and data management.

Duration : 1 month Language : english Price : 15000

What you will learn?

- Real Time Projects
- Build Modern ETL Data Pipeline using Infomatica cloud
- Components of a Data Engineering Platform
- Building ETL Pipeline
- How to store data in the data warehouse
- Build Dashboard using Tableau
- Informatica Cloud

Features

- Do Everything In Industry Grade Lab
- Learn As Per Your Timeline
- Hands-On Industry Real-Time Projects.
- Self-Paced Learning
- Dashboard Access

Requirements

- System with minimum i3 processor or better
- At least 4 GB of RAM
- Working internet connection
- Dedication to learn

Course Curriculum

Welcome to the Course

- Course Overview
- Dashboard Introduction

Project :- Build Modern ETL Data Pipeline using Informatica cloud

- Introduction of Instructor
- Introduction to ETL and Informatica
- Project Overview
- End Notes
- Problem Description
- Understand the application scope
- Tour to existing solution
- End Notes
- Infomratica Cloud set up
- Aws services
- Data Visualization Tools
- End Notes
- Solution Description
- Data Architecture
- Tour to Architecture diagram
- Cost Involved
- End Notes
- upload data to AWS S3
- set up Postgres SQL and create schemas
- EL for AWS s3 to data warehouse
- EL for app database to data warehouse
- Transformation setup
- Creat models
- schedule monitor and alerting setup
- Conclude the project
- Assignments & External Resources