Advanced Data engineering for data scientists

Introductory Course

Stanislav Seltser

Goal:

learn advanced data engineering and prepare to use in data science projects

Requirements: Windows 10 or Linux Ubuntu with PyCharm Community Edition IDE with JetBrains Academy plugin installed

python 3.10 with the following packages installed

Curriculum:

Class 1 Introduction to Graphs with Kuzu/OpenCypher

Class 2 Cypher: Syntax and Data types

Class 3 Cypher: Query Clauses

Class 4 Cypher: Functions and Operators

Class 5 Cypher: Data Definition language

Class 6 Cypher: Subquery

Class 7 Using LLM and LlangChain to generate Cypher query from natural english