40529G: Microsoft Cloud Workshop: High Performance Computing

Course Outline

Module 1: Whiteboard Design Session - Real-time data with Azure Database for PostgreSQL Hyperscale

Lessons
- Review the customer case study
- Design a proof of concept solution
- Present the solution

Module 2: Hands-on Lab - Real-time data with Azure Database for PostgreSQL Hyperscale

Lessons
- Connect to and set up your database
- Add secrets to Key Vault and configure Azure Databricks
- Send clickstream data to Kafka and process it in real time
- Rollup real-time data in PostgreSQL
- Create advanced visualizations in Power BI