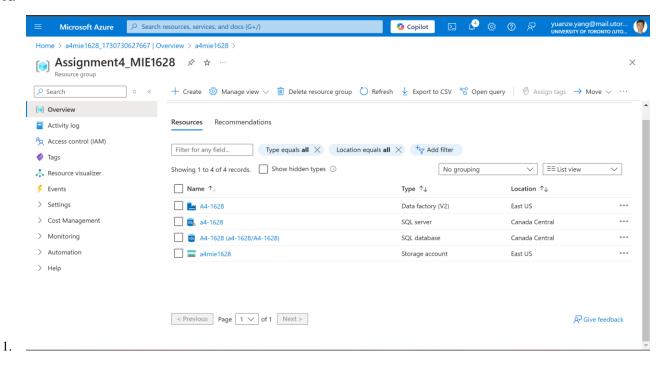
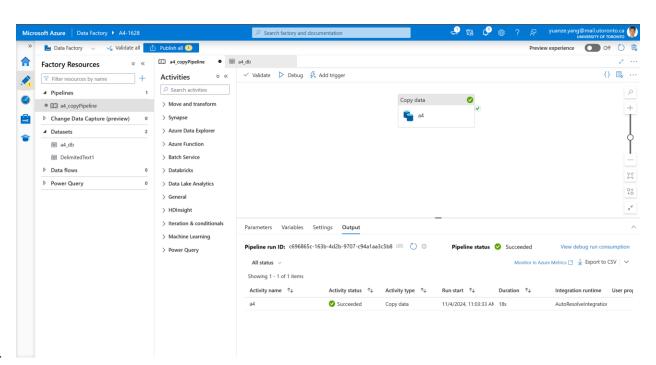
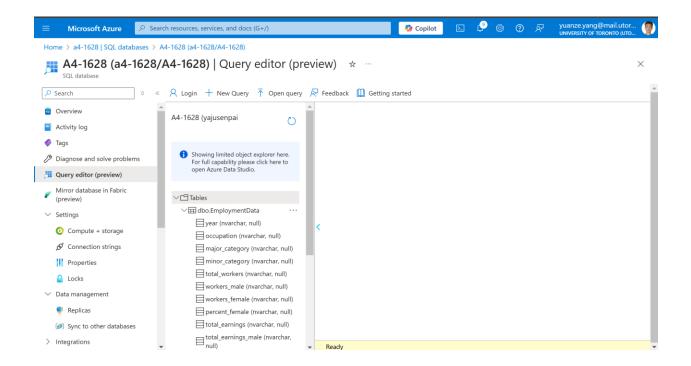
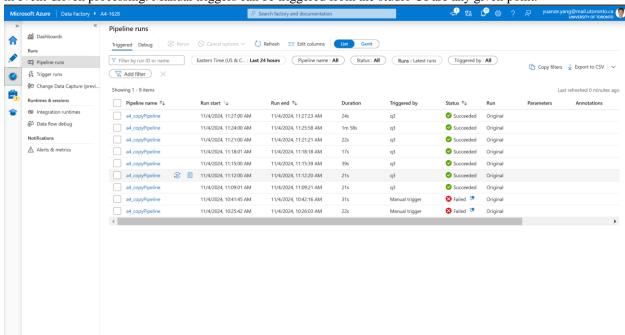
Part A:







3. The major types of trigger in ADF are schedule trigger, tumbling window trigger, event-based trigger and manual trigger. Schedule triggers are designed for regularly run ETL, periodic batch processing jobs. Tumbling window triggers maintains the state, which allows it to process data in fixed-time windows and handle data streams. Event-based triggers can be classified into storage event and custom event types, used in event-driven processing. Manual triggers can be triggered from the studio UI are any given point.



4. The Copy Activity from ADF can handle data movement between ADLS Gen2 accounts. There will be 2 pipelines: one for replicating from Canada Central to Europe and another one for the reverse direction. And

triggers can be used for automation. Since bidirectional writes could cause conflicts, we will need a policy to address them, such as most recent change dominant.

Part B:

