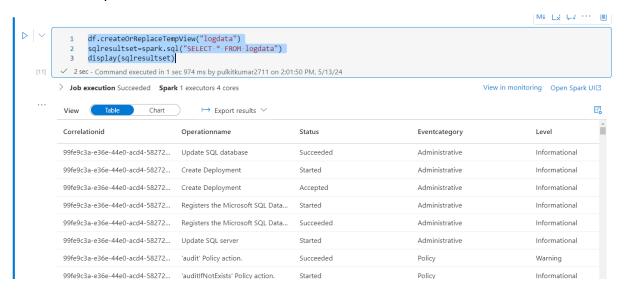
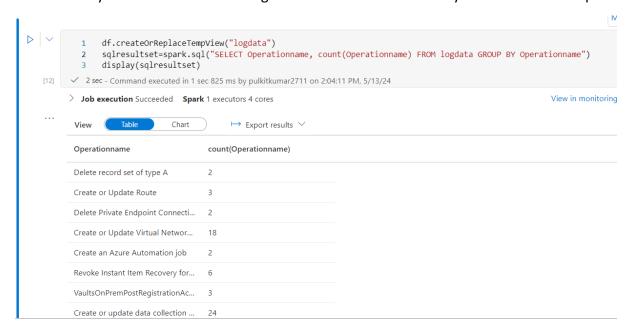


In this lab, we're leveraging SQL-based operations within our Spark Pool by creating temporary views. The primary objective is to facilitate data querying and analysis using familiar SQL syntax directly within the Spark environment. By creating temporary views, we can manipulate and query our data in a tabular format, enabling easier exploration and understanding of the dataset. Additionally, we showcase the flexibility of the notebook environment by seamlessly switching between different languages, such as SQL and Python, within the same notebook, thereby enhancing the overall data analysis capabilities within Azure Synapse Analytics.

- 1. In this lab we try and execute the SQL-based statements in our Spark Pool.
- 2. For that you can create something known as a Temporary view.
- 3. Below you can see that we used SQL statement to view our data in tabular format.



4. Now you can see that we changes our Select statement and you can see that output.



- 5. Then we created a new cell used the magic command to basically change the language of this particular cell and then ran it.
- 6. Below you can see that results accordingly.

