**Code Implementation**

* **Data Extraction:**
* Connects to the Azure SQL Database using the provided connection string.
* Executes a SQL query to extract sales data.
* Stores the extracted data in a pandas Data Frame.
* **Data Transformation:**
* Applies the hash\_credit\_card function to the credit card numbers column to hash the values and protect PII.
* **Data Loading:**
* Connects to ADLS using the provided account URL and access key.
* Creates a file system and directory in ADLS.
* Writes the transformed Data Frame to a CSV file in the specified directory.
* **Explanation of PII Handling:**
* The hash\_credit\_card function uses the SHA-256 hashing algorithm to irreversibly hash credit card numbers.
* By hashing the credit card numbers, the original values become unreadable and cannot be recovered.
* This helps protect the sensitive PII data from unauthorized access and disclosure.