



Step 3: Snowflake Objects Setup

Initialize your Snowflake session and create the necessary database infrastructure:

```
from snowflake.snowpark.context import get_active_session
session = get_active_session()
```

Create the required database and warehouse objects:

```
CREATE DATABASE IF NOT EXISTS cortex_search_tutorial_db;
CREATE OR REPLACE WAREHOUSE cortex_search_tutorial_wh WITH
    WAREHOUSE_SIZE='X-SMALL'
    AUTO_SUSPEND = 120
    AUTO_RESUME = TRUE
    INITIALLY_SUSPENDED=TRUE;
USE WAREHOUSE cortex_search_tutorial_wh;
```

Step 4: Data Preparation Process

Stage Creation

Create a stage for storing your documents:

```
CREATE OR REPLACE STAGE cortex_search_tutorial_db.public.fomc
    DIRECTORY = (ENABLE = TRUE)
    ENCRYPTION = (TYPE = 'SNOWFLAKE_SSE');
```

Document Upload

Upload your PDF files to the stage through Snowsight by navigating to `cortex_search_tutorial_db.public.fomc` and uploading your files. Verify the upload using:

```
ls @cortex_search_tutorial_db.public.fomc
```

Document Parsing

Parse the uploaded documents using Snowflake's `CORTEX.PARSE_DOCUMENT` function: