**RAM: 8 GB**

**HDD: 20 GB**

**Core: 2**

**OS: Windows 10**

**Java : 8**

**Softwares ; Snowsql , Talend , Tableau , Kafka**

**Snowsql**

**Download:**

[**https://sfc-repo.snowflakecomputing.com/snowsql/bootstrap/1.2/index.html**](https://sfc-repo.snowflakecomputing.com/snowsql/bootstrap/1.2/index.html)

**Choose the file based on operating system**

**Windows :**

Open windows\_x86\_64

Select the latest release .msi file by last modified date

(as of June 2021)

# [**https://sfc-repo.snowflakecomputing.com/snowsql/bootstrap/1.2/windows\_x86\_64/snowsql-1.2.15-windows\_x86\_64.msi**](https://sfc-repo.snowflakecomputing.com/snowsql/bootstrap/1.2/windows_x86_64/snowsql-1.2.15-windows_x86_64.msi)

1.Install the snowsqlXX.msi file

2. Run snowsql as administrator

3. To configure snowsql in windows ,Type following cmd in cmd prompt

**%USERPROFILE%\.snowsql\**

**4. In Config file , comment all connections and include following information from your snowflake account**

**For eg :**

**https://vna82064.us-east-1.snowflakecomputing.com/console#/internal/**

**-a vna82064.us-east-1**

**-u akgeoinsys**

**[connections.geoinsys]**

**accountname = vna82064.us-east-1**

**username = akgeoinsys**

**password = Pa55word**

**[[1]](#footnote-0)**

**5.Save the file**

**6. Open the command prompt ,run the command, here geoinsys is connection name**

**snowsql -c geoinsys**

**Linux :**

1. **In home , open the hidden folder (ctrl +H) .snowsql**

**2. In Config file , comment all connections and include following information from your snowflake account**

**For eg :**

**https://vna82064.us-east-1.snowflakecomputing.com/console#/internal/**

**-a vna82064.us-east-1**

**-u akgeoinsys**

**[connections.geoinsys]**

**accountname = vna82064.us-east-1**

**username = akgeoinsys**

**password = Pa55word**

**5.Save the file**

**6. Open the terminal ,run the command, here geoinsys is connection name**

**snowsql -c geoinsys**

**Talend Integration**

1.Signup is required to download the free trial

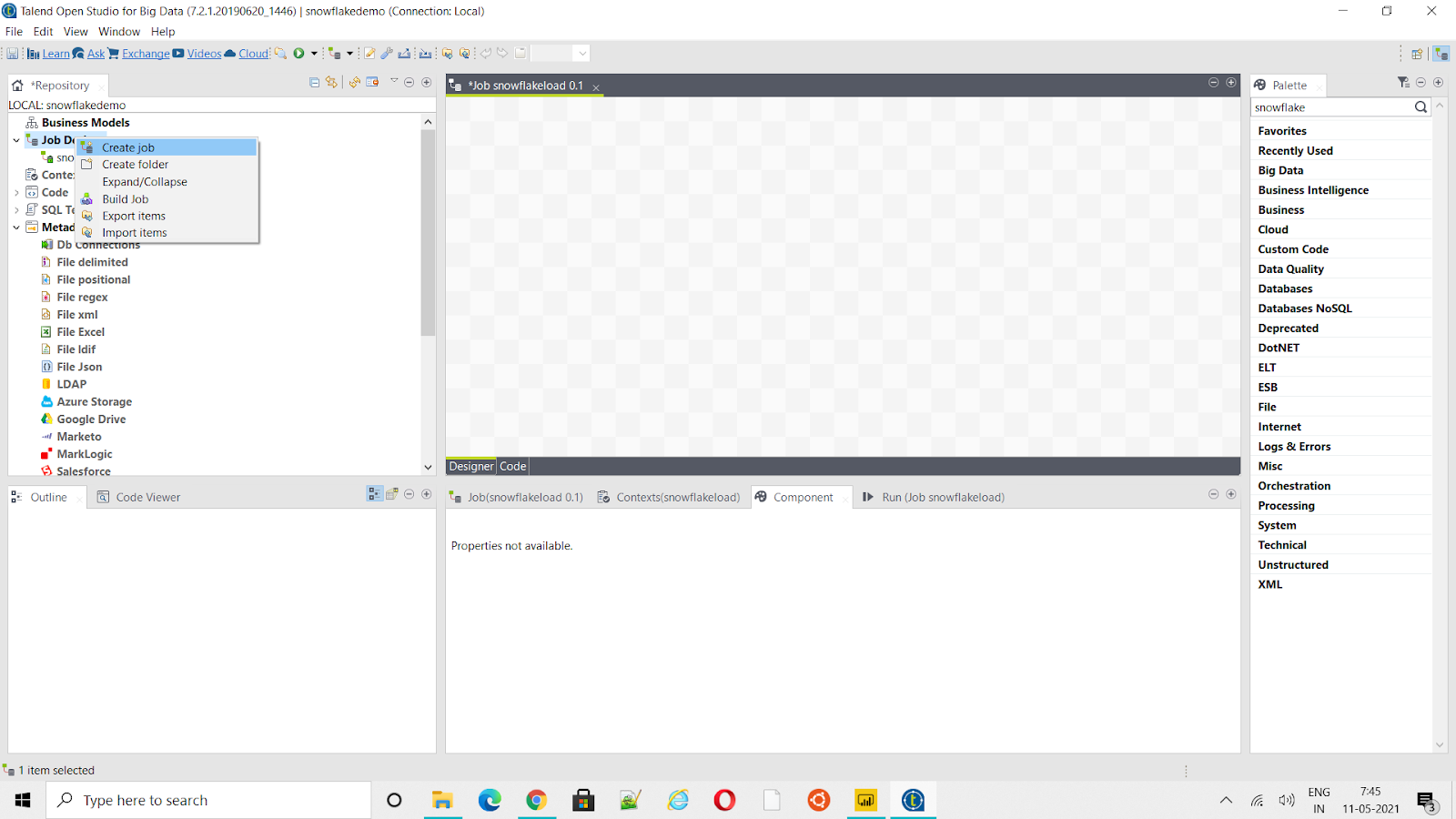
2.Download and install Talend open studio Data integration

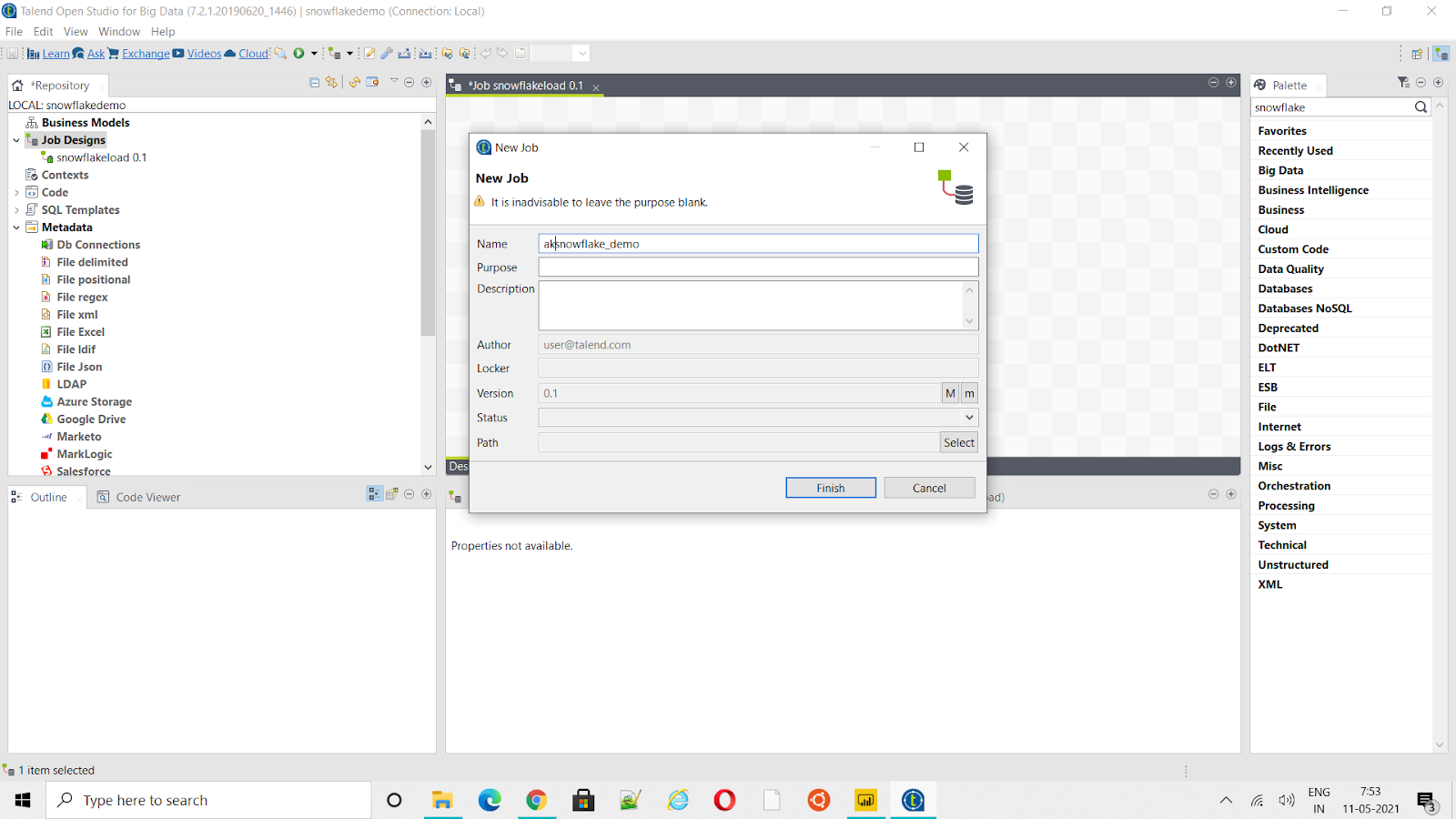
<https://www.talend.com/products/data-integration/>

3. Extract and install the talend software

4. Set workspace for talend

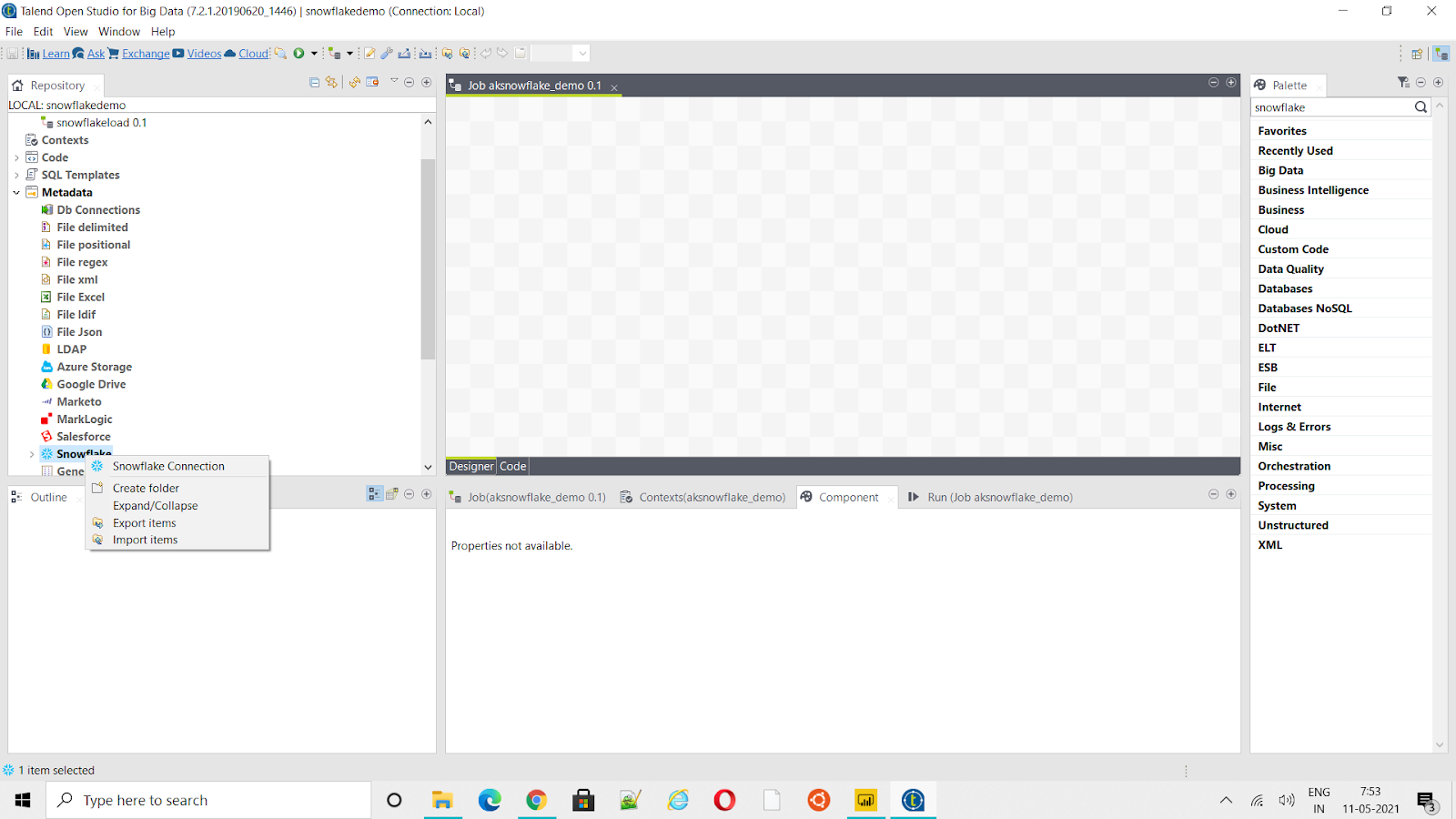
5. Create job from job design



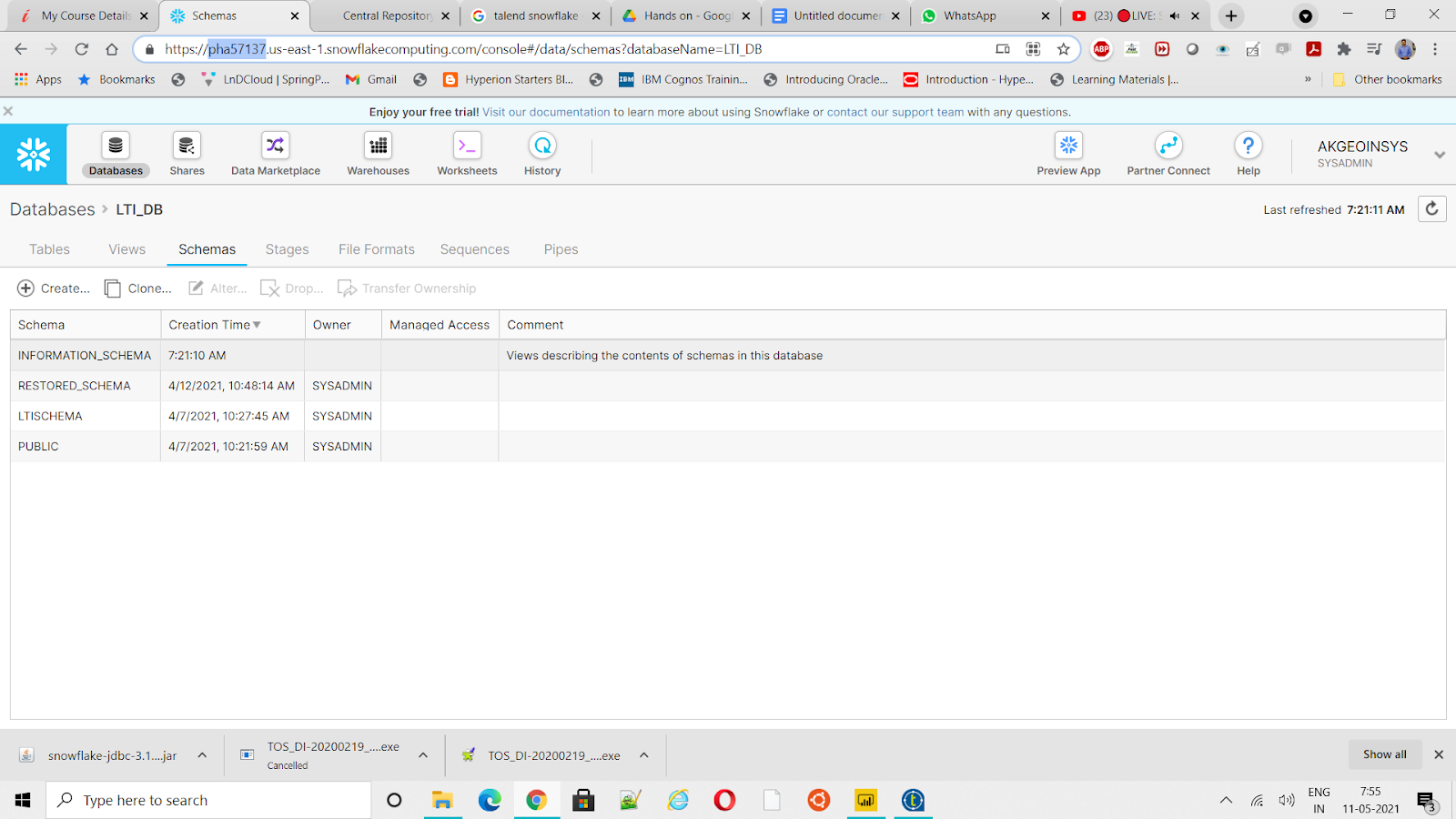


Create snowflake connection in metadata repository (reusable across the job)

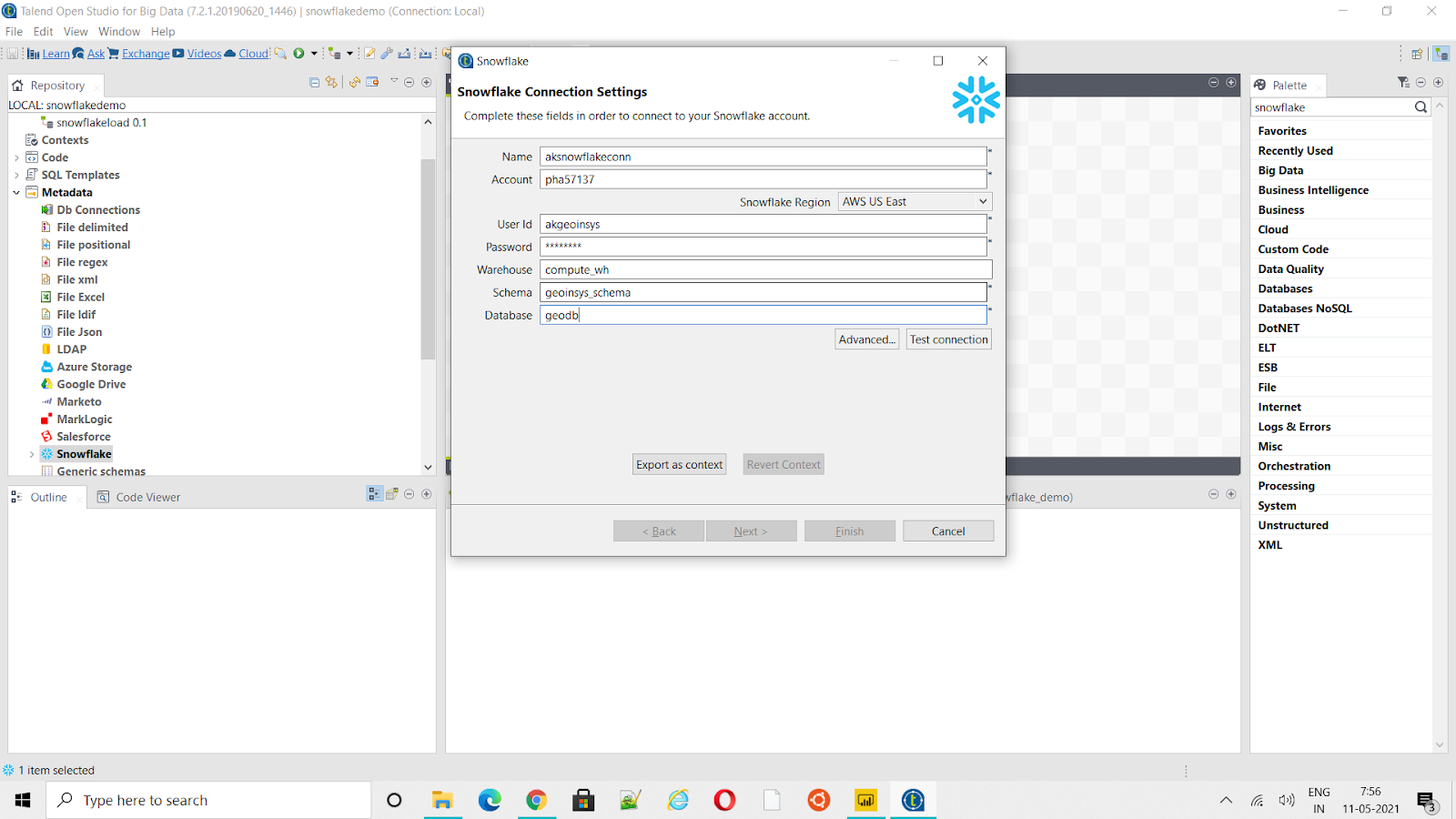
Right click snowflake , create connection

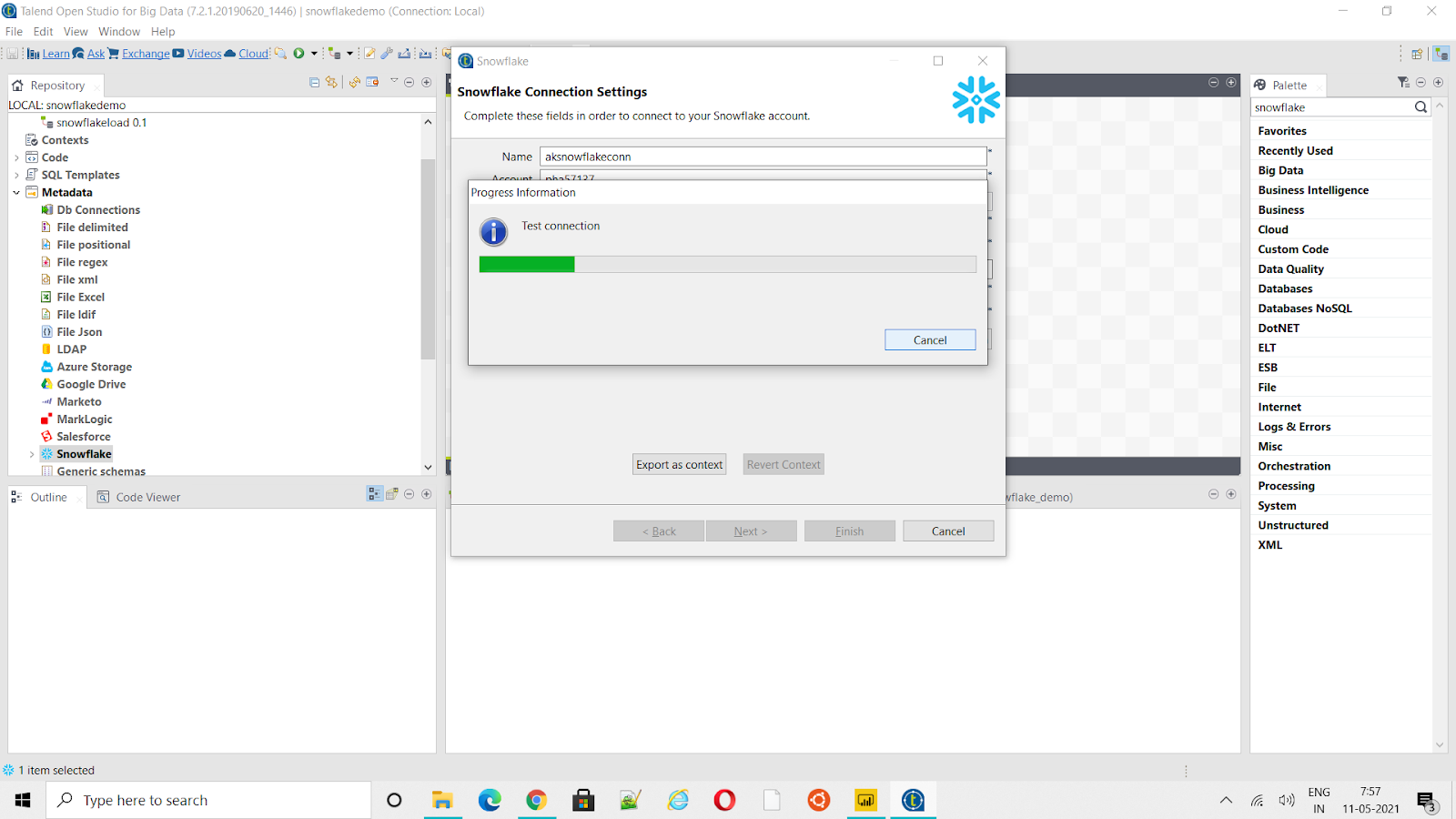


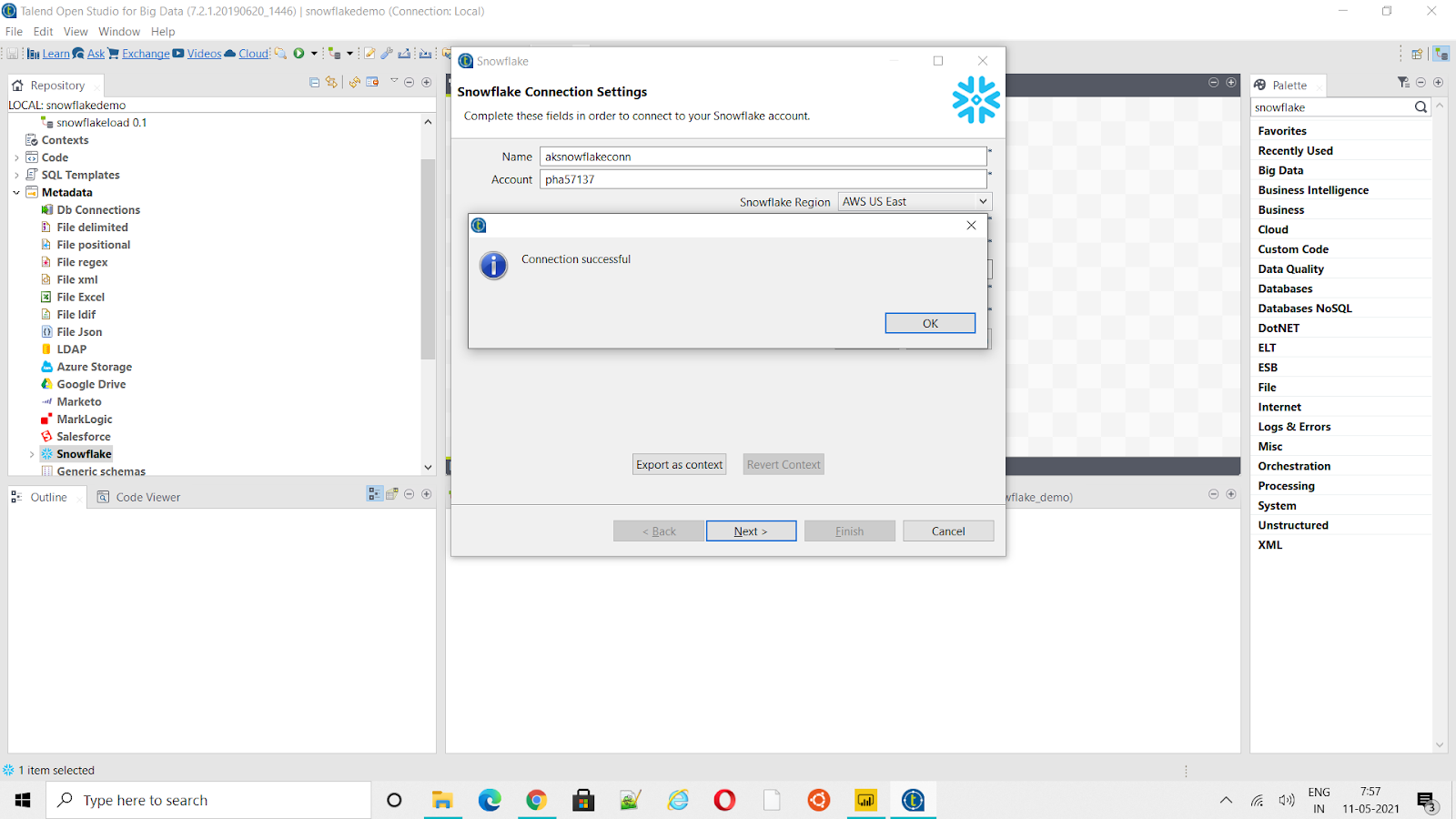
Get the server name from snowflake url



Provide all the snowflake details and test connection



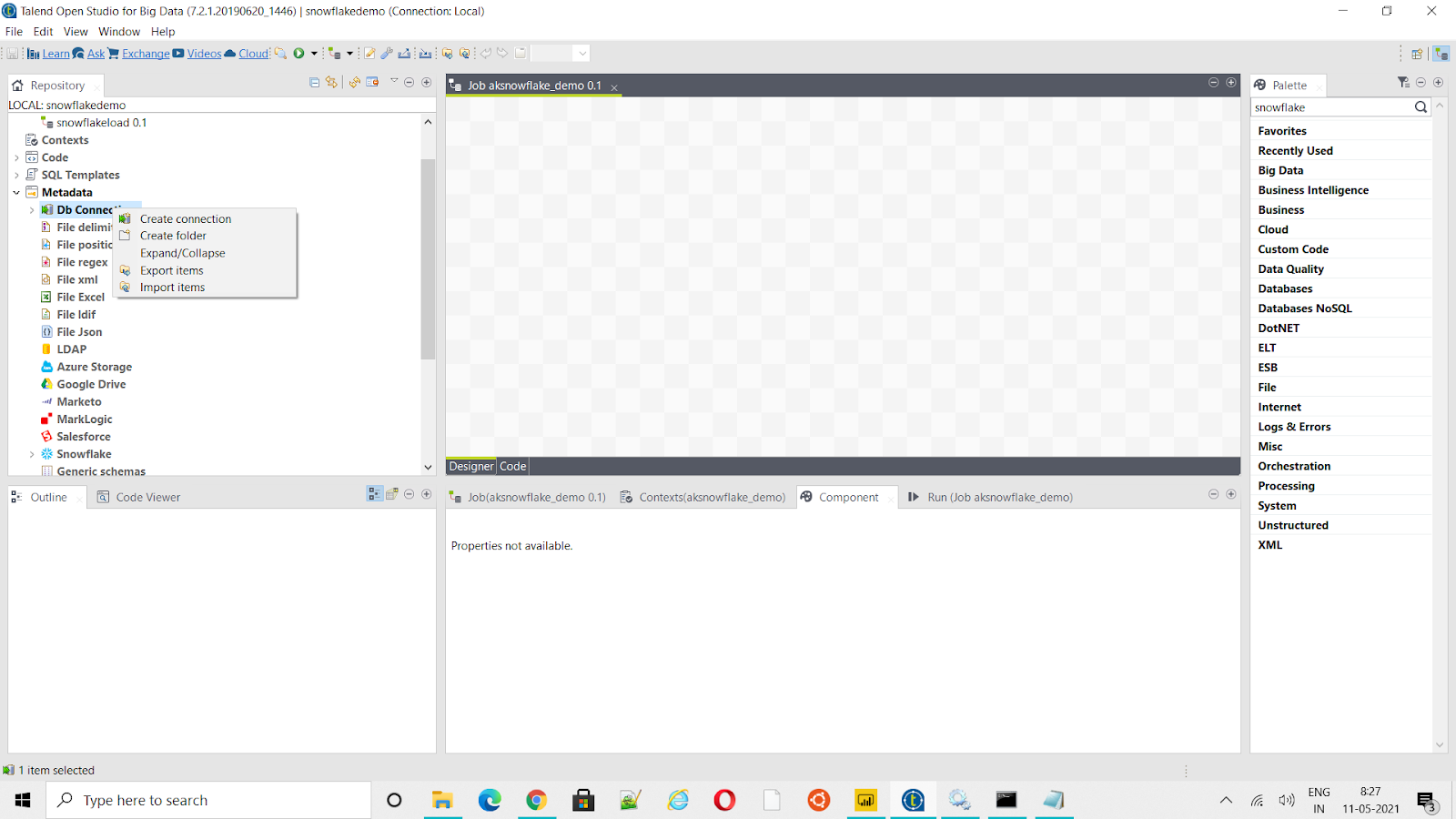


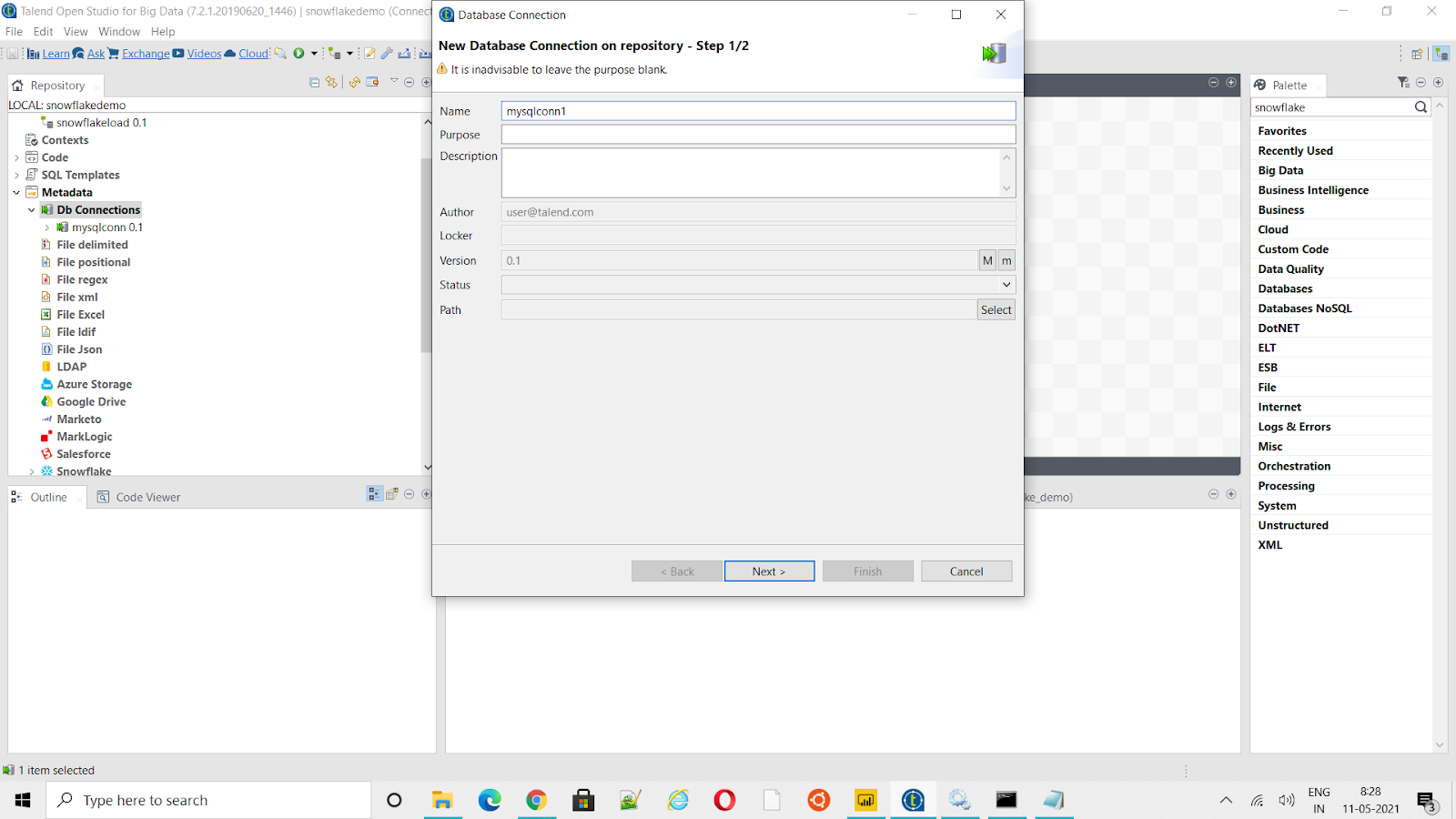


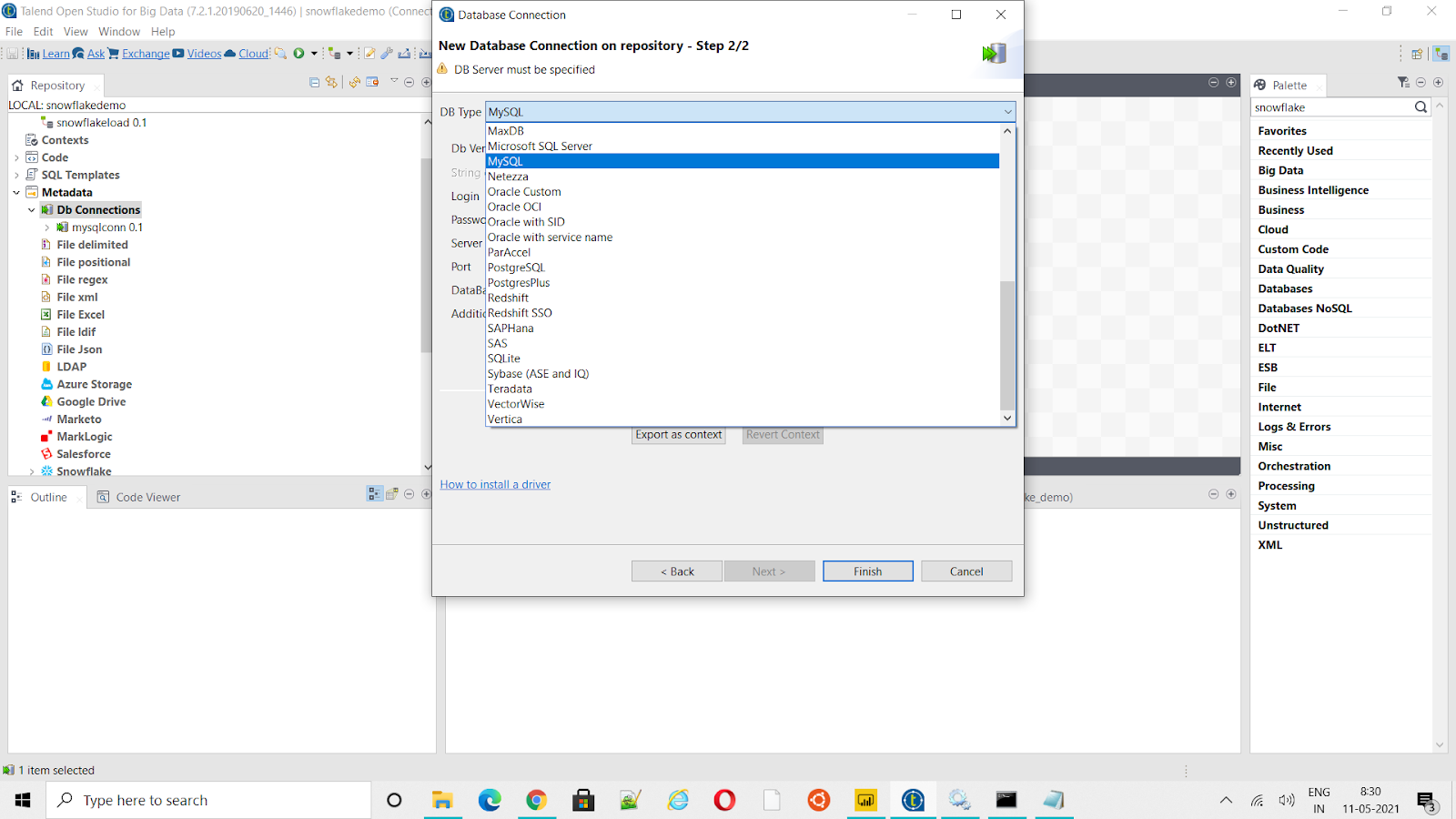
Click finish

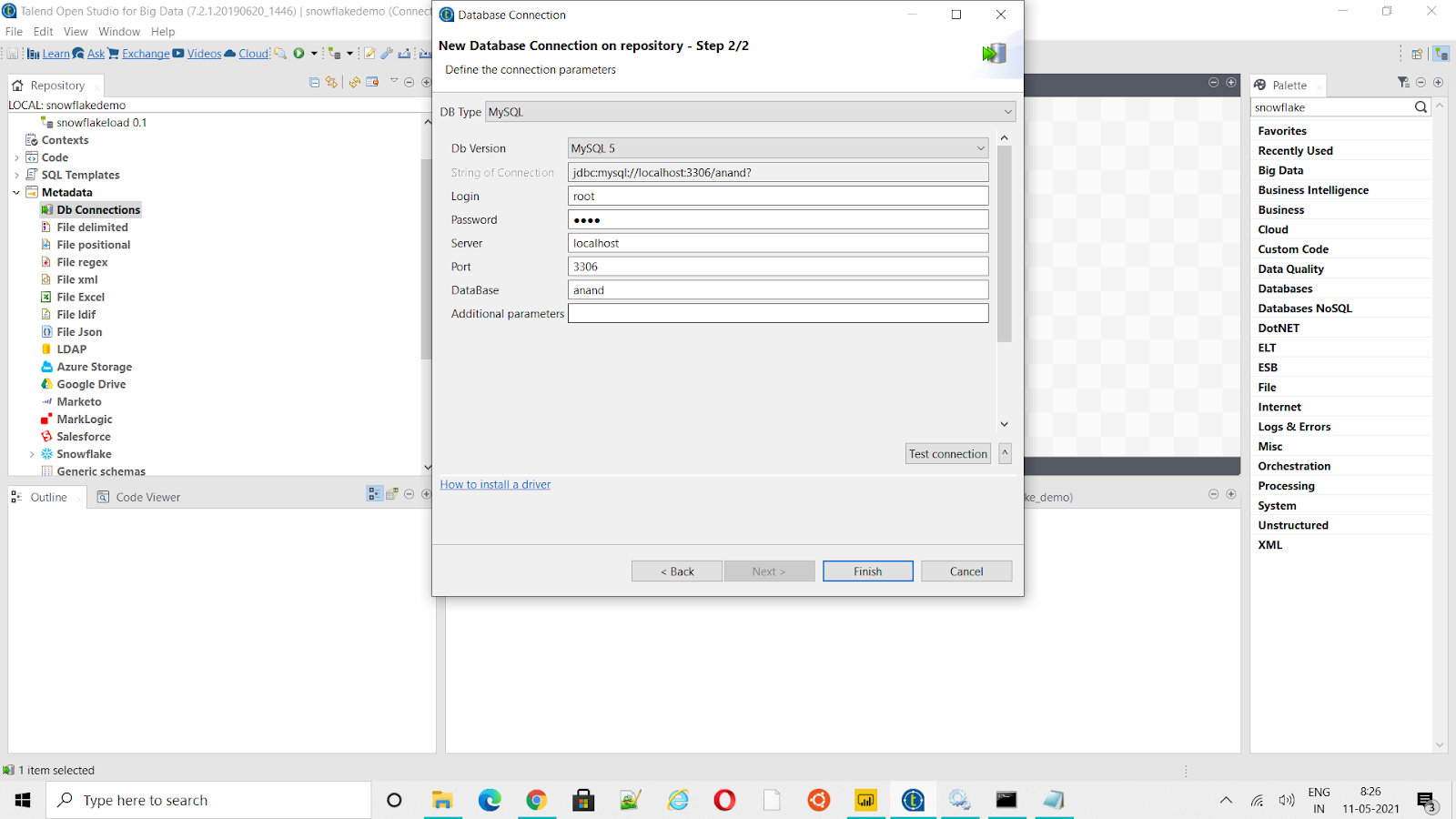
RDB to snowflake data migration :

Creating mysql connection









**Tableau intégration**

1. **Download and install tableau desktop**
2. **Click try now and signup**

[**https://www.tableau.com/products/desktop**](https://www.tableau.com/products/desktop)

**3 . Download snowflake odbc connector msi file and install in windows**

[**https://sfc-repo.snowflakecomputing.com/odbc/win64/latest/index.html**](https://sfc-repo.snowflakecomputing.com/odbc/win64/latest/index.html)

**Kafka Integration**

**1.Download kafka software and extract it**

[**https://www.apache.org/dyn/closer.cgi?path=/kafka/2.8.0/kafka\_2.12-2.8.0.tgz**](https://www.apache.org/dyn/closer.cgi?path=/kafka/2.8.0/kafka_2.12-2.8.0.tgz)

**2. Download the snowflake kafka connector**

[**https://repo1.maven.org/maven2/com/snowflake/snowflake-kafka-connector/1.5.4/snowflake-kafka-connector-1.5.4.jar**](https://repo1.maven.org/maven2/com/snowflake/snowflake-kafka-connector/1.5.4/snowflake-kafka-connector-1.5.4.jar)

**3. Download jdk 8 and install it**

[**https://www.oracle.com/java/technologies/javase/javase-jdk8-downloads.html**](https://www.oracle.com/java/technologies/javase/javase-jdk8-downloads.html)

[**https://www.oracle.com/java/technologies/javase/javase-jdk8-downloads.html#license-lightbox**](https://www.oracle.com/java/technologies/javase/javase-jdk8-downloads.html#license-lightbox)

1. Geoinsyssoft AK Snowflake Lab setup [↑](#footnote-ref-0)