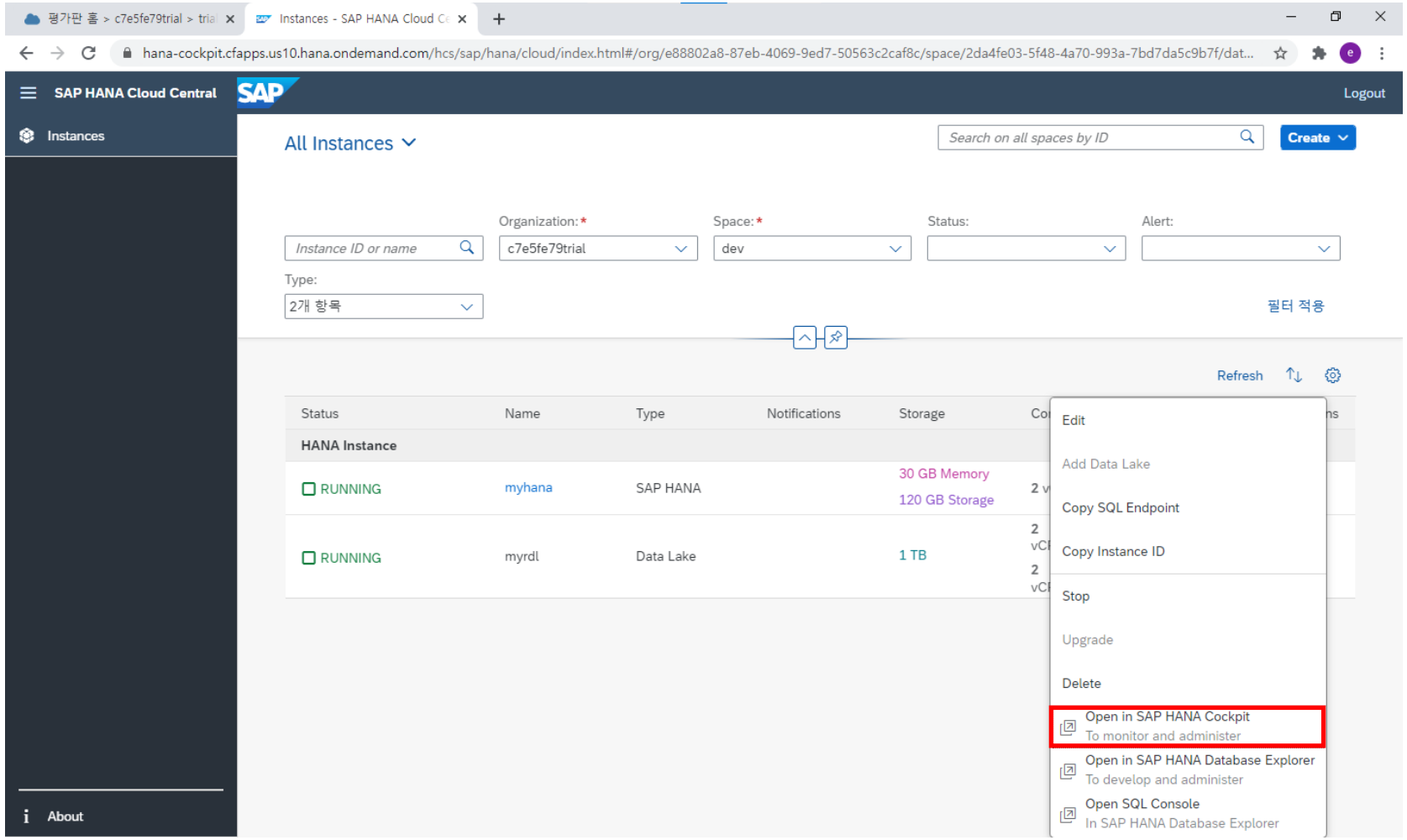
4-1. Data Tiering(Data Lake)

SAP HANA Cockpit

SAP HANA Cloud 인스턴스 관리자

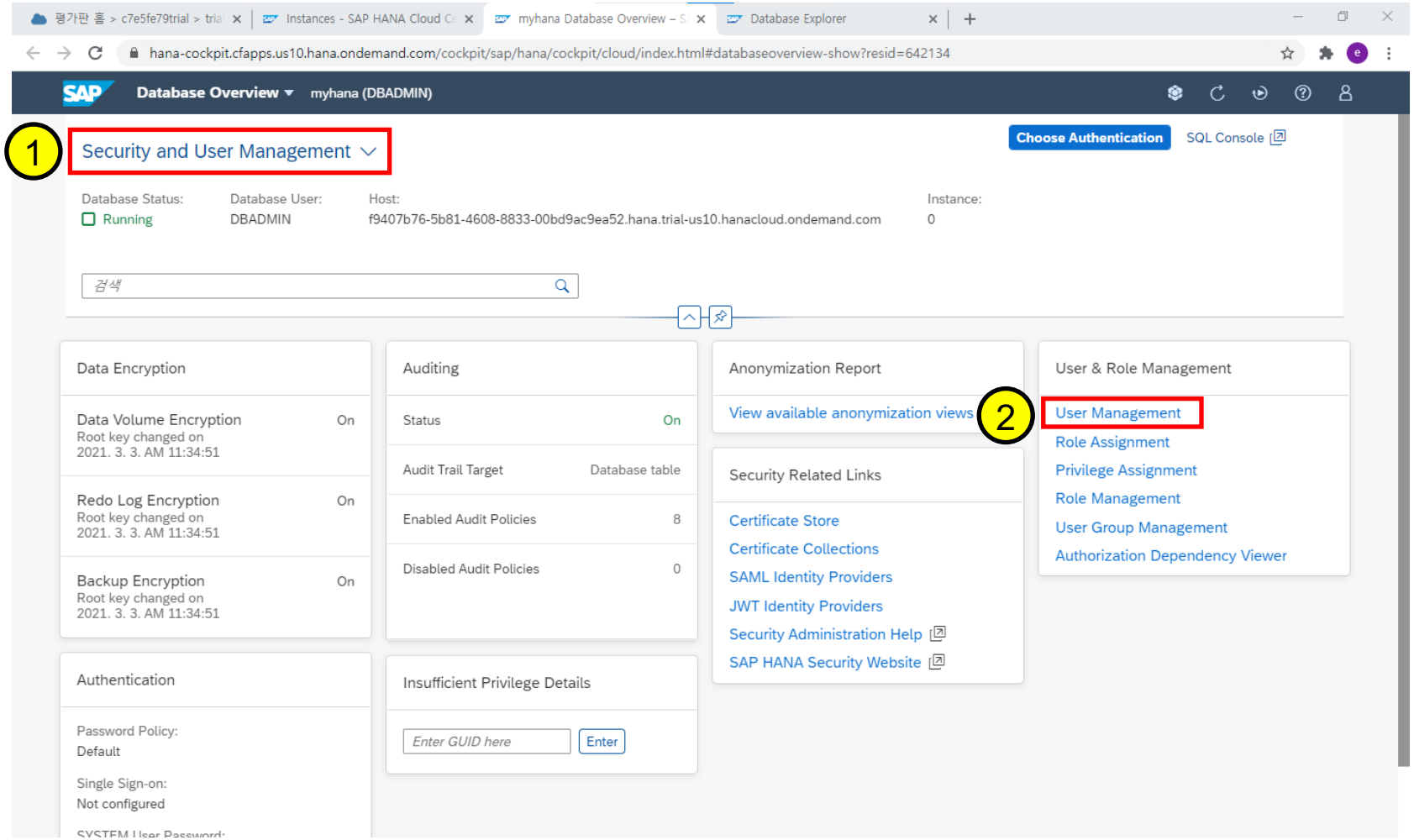


SAP HANA Cloud 인스턴스 관리자

- myhana 인스턴스의 “Actions” 컬럼을 클릭
- Popup 메뉴에서 “**Open in SAP HANA Cockpit**”을 클릭

SAP HANA Cockpit

Data Lake 권한 부여

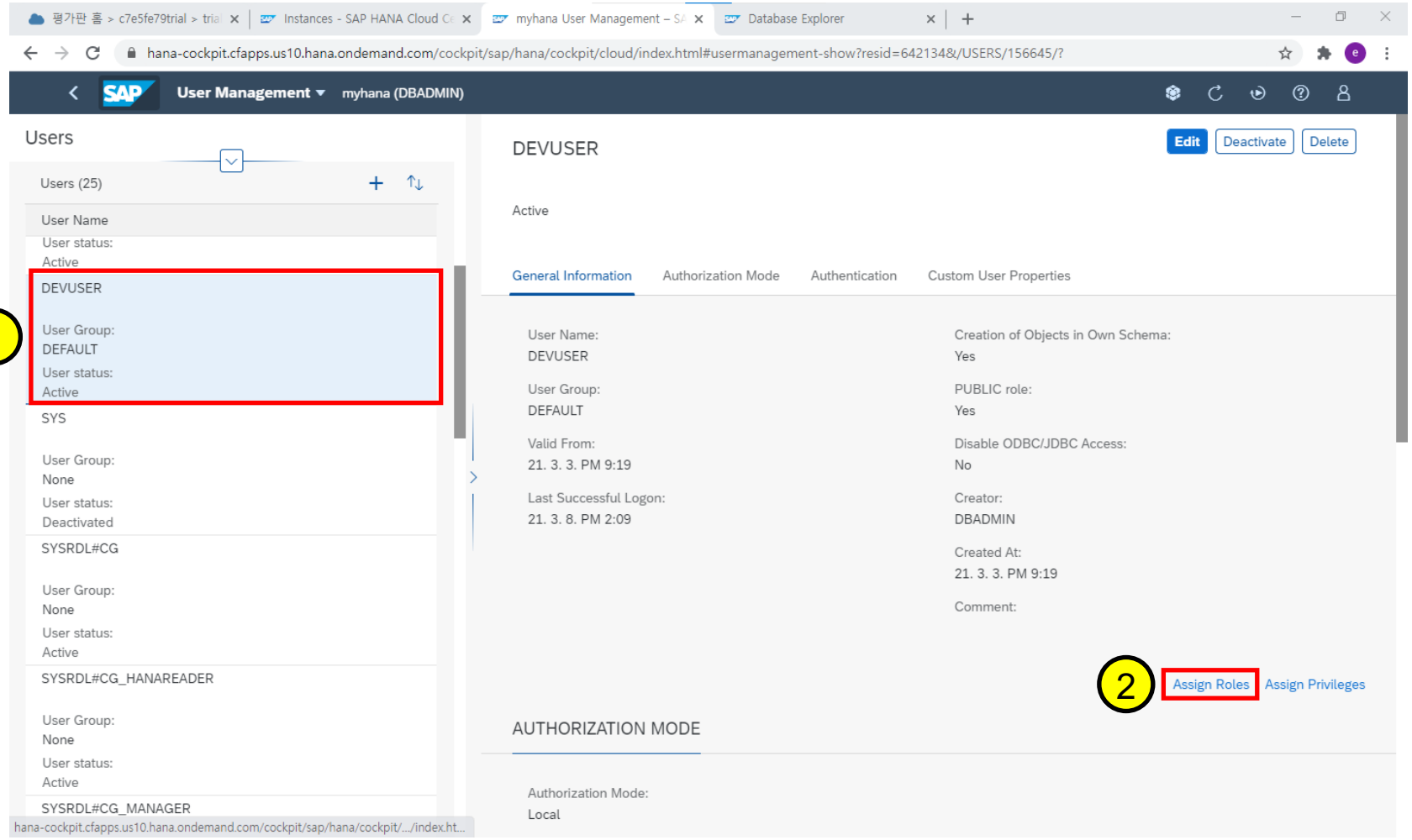


SAP HANA Cockpit

- Security and User Management 화면 전환
- “User Management” 클릭

SAP HANA Cockpit

Data Lake 권한 부여

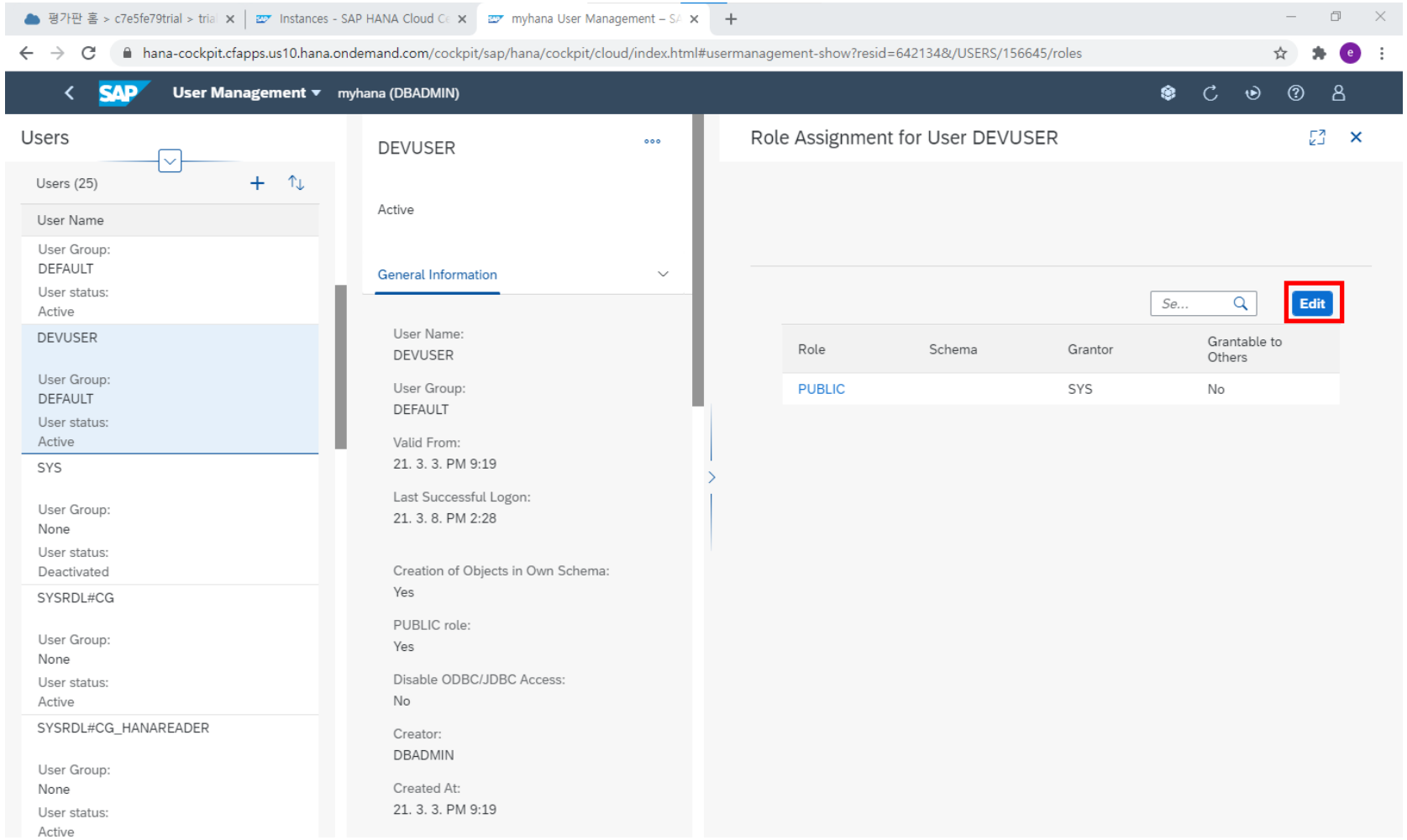


SAP HANA Cockpit

- DEVUSER 클릭
- “Assign Roles” 클릭

SAP HANA Cockpit

Data Lake 권한 부여

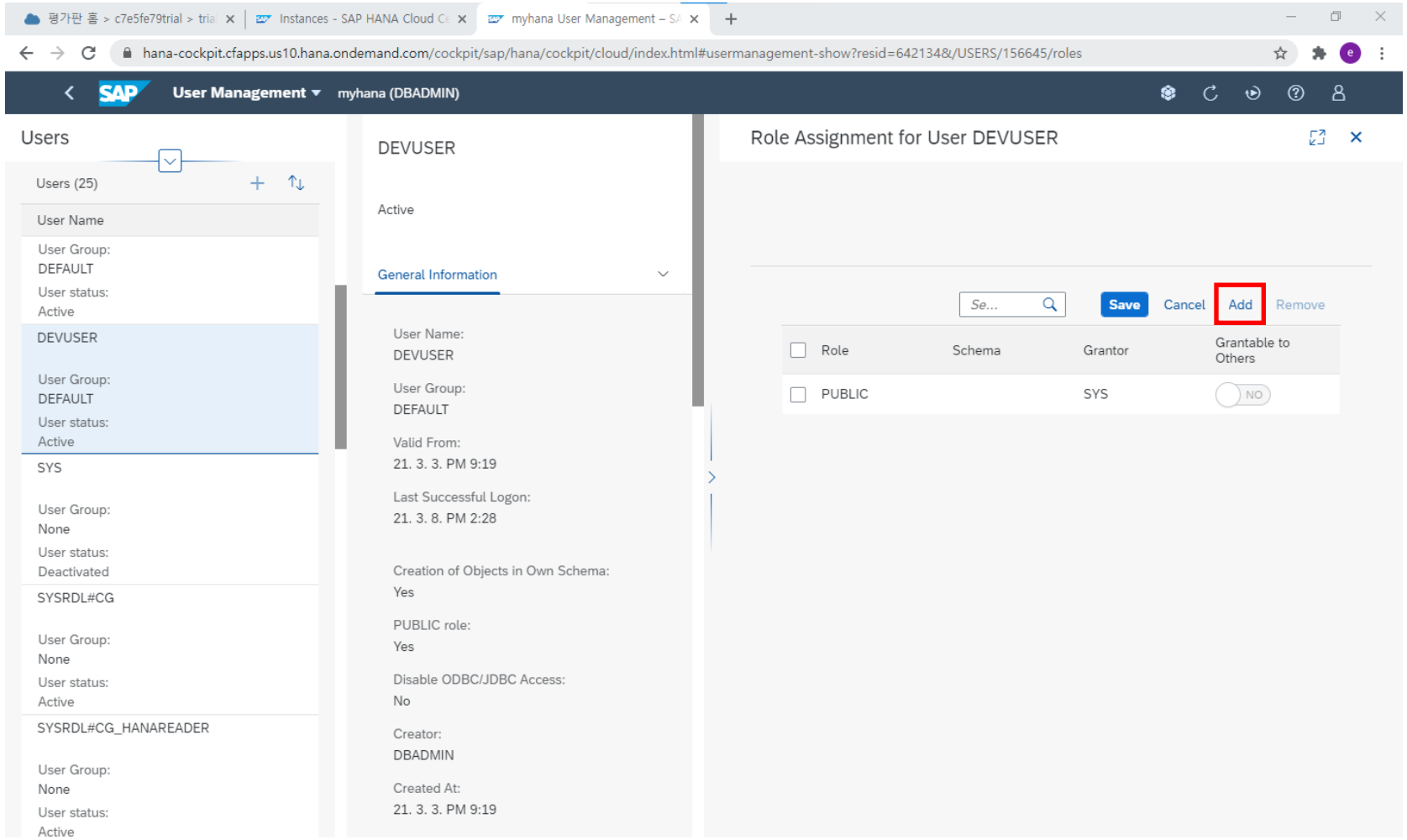


SAP HANA Cockpit

- “Edit” 버튼 클릭

SAP HANA Cockpit

Data Lake 권한 부여

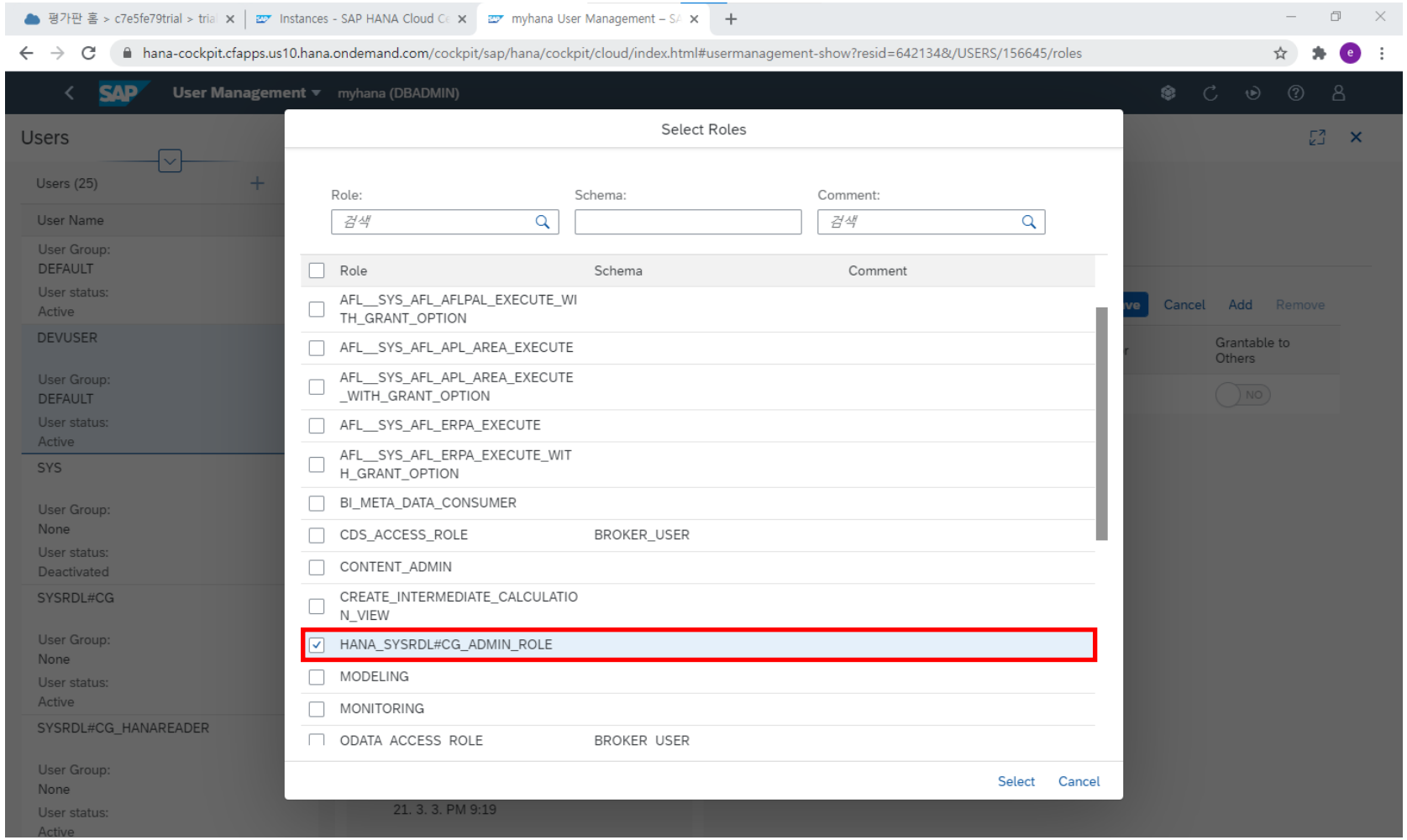


SAP HANA Cockpit

- “Add” 버튼 클릭

SAP HANA Cockpit

Data Lake 권한 부여

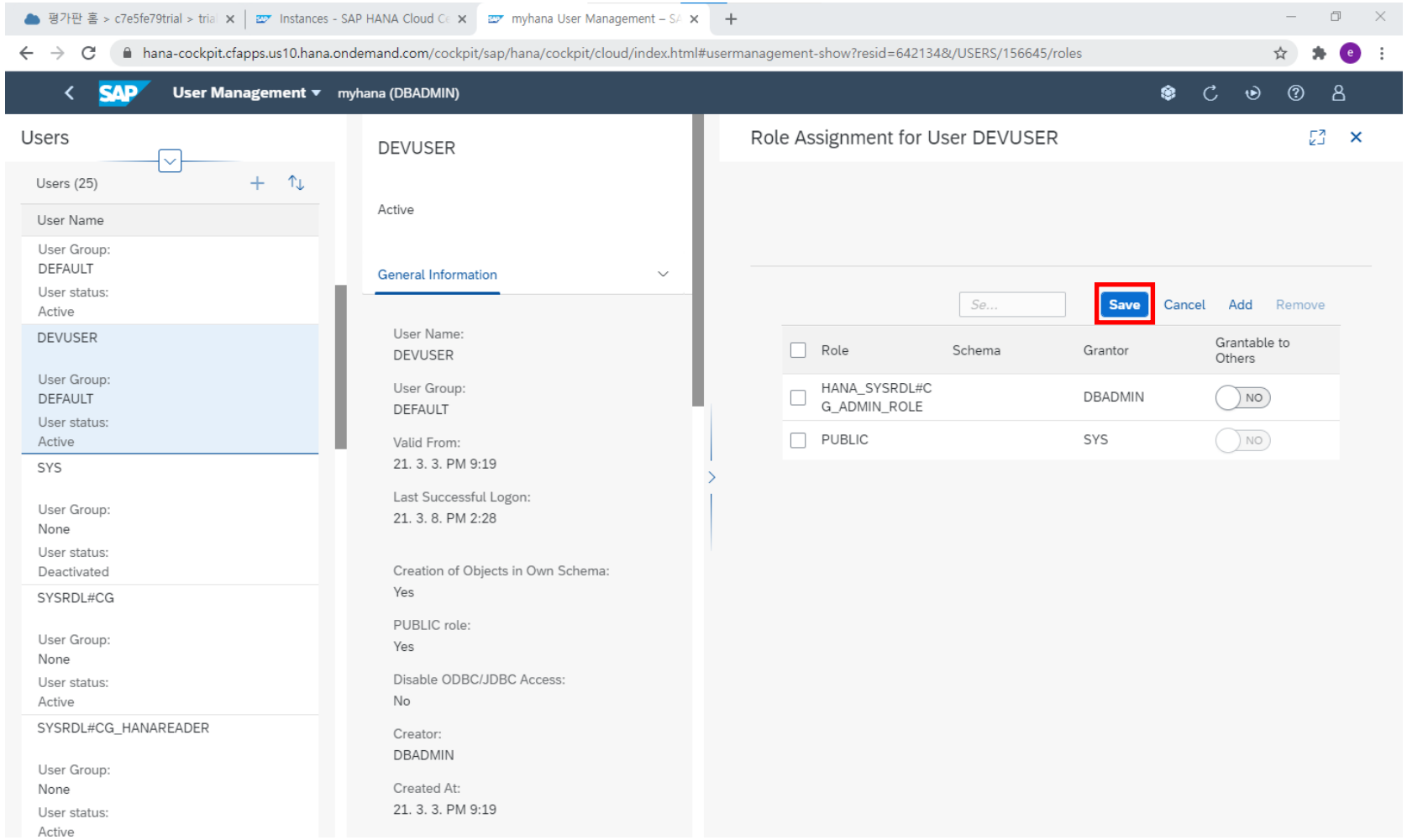


SAP HANA Cockpit

- HANA_SYSRDL#CG_ADMIN_ROLE 선택
- “Select” 버튼 클릭

SAP HANA Cockpit

Data Lake 권한 부여

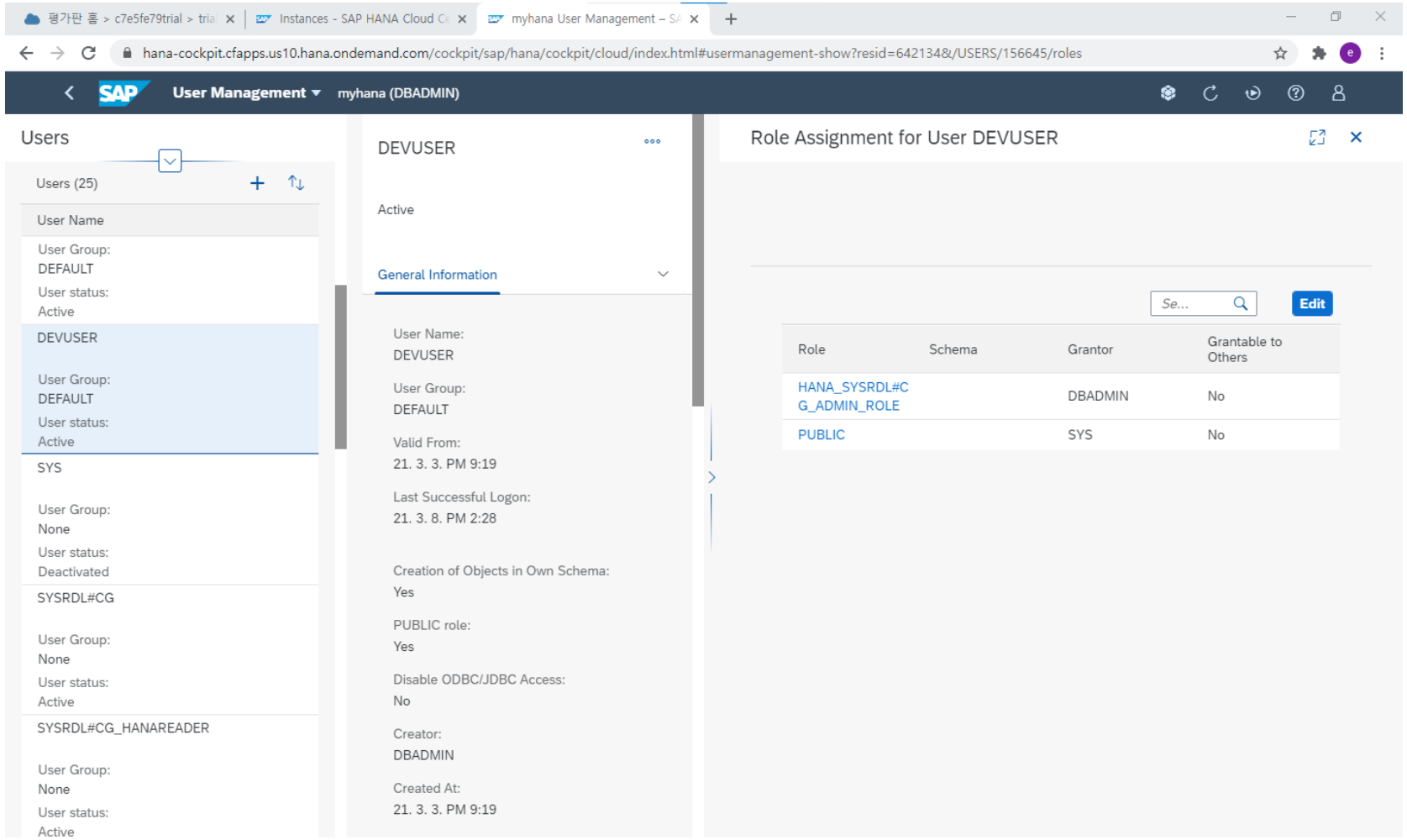


SAP HANA Cockpit

- “Save” 버튼 클릭

SAP HANA Cockpit

Data Lake 권한 부여

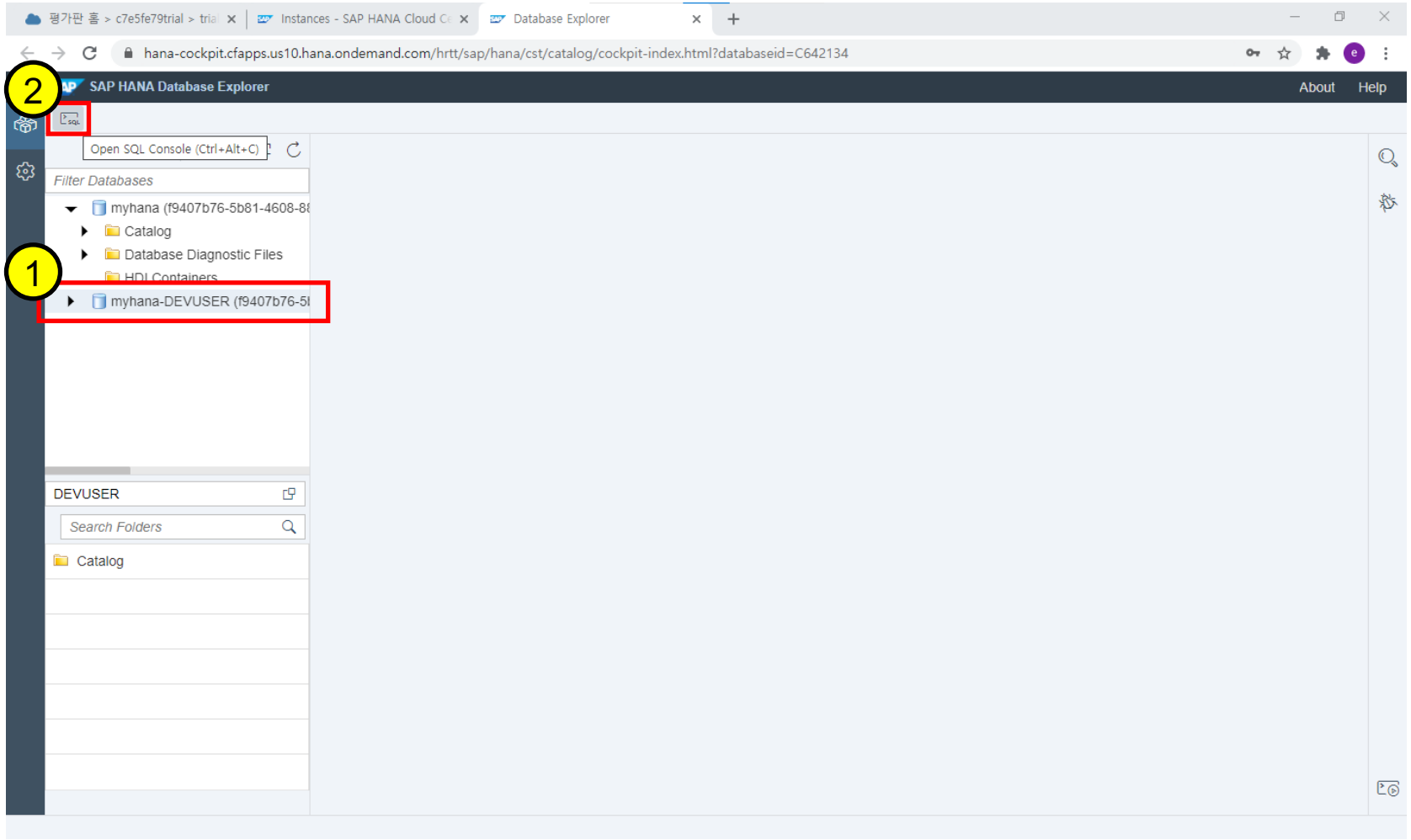


SAP HANA Cockpit

- 결과 조회

SAP HANA Database Explorer

Data Lake 테이블 생성



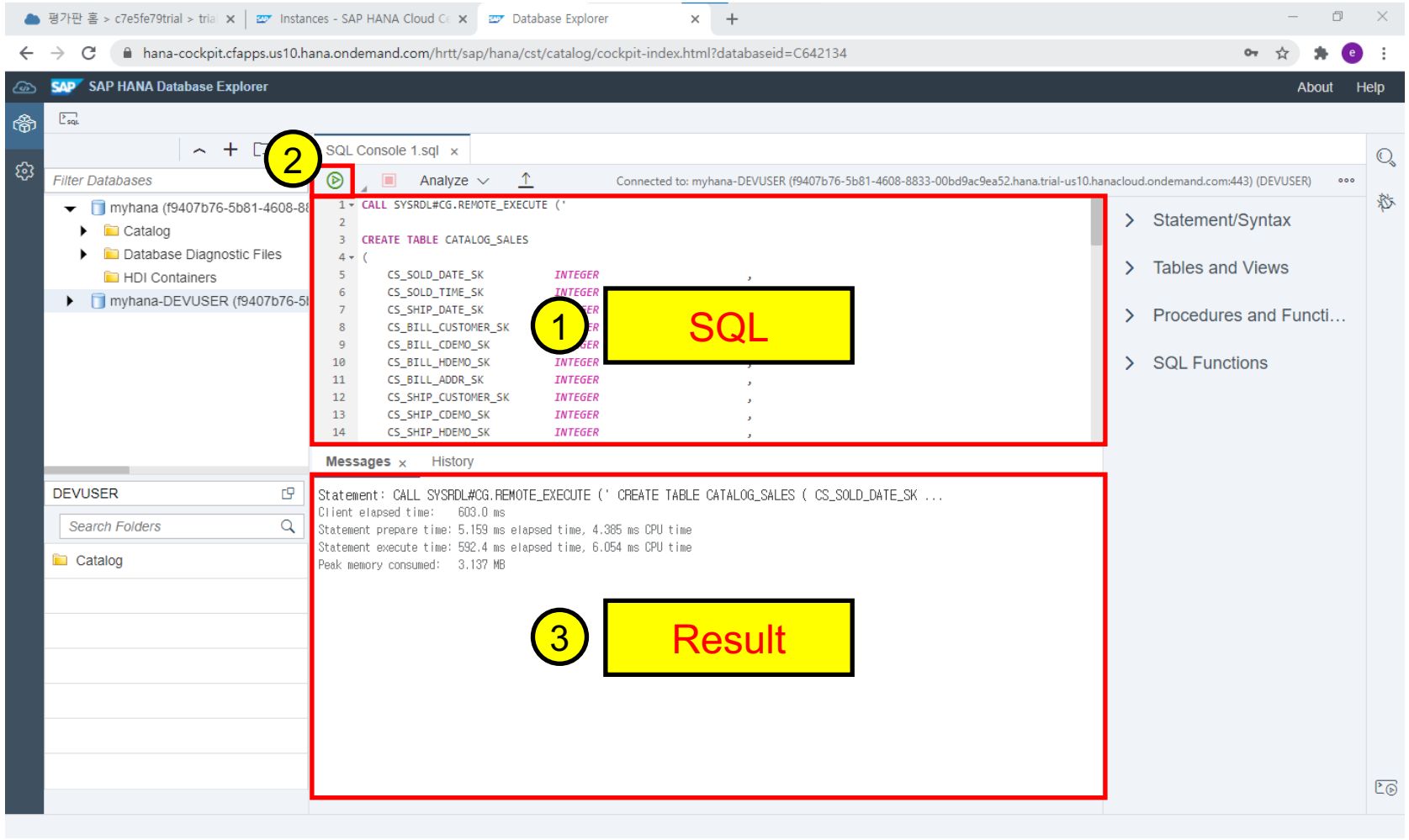
SAP HANA Database Explorer

- DEVUSER Connection 클릭
- “SQL” 버튼 클릭

SAP HANA Database Explorer

Data Lake 테이블 생성

File Location :
https://github.com/euimankim/HANA_Cloud_Enablement

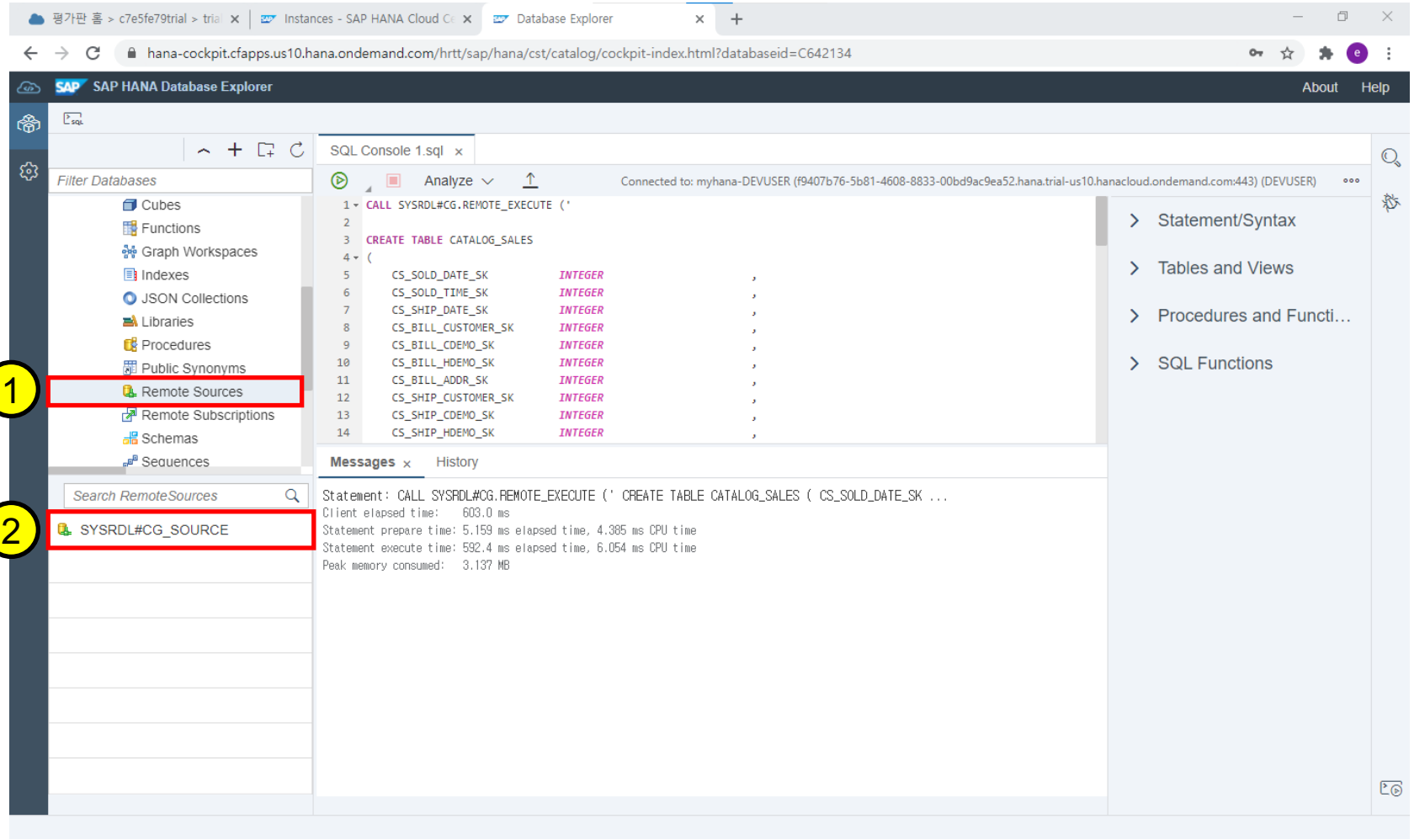


SAP HANA Database Explorer

- create_table_data_lake.sql 파일의 내용을 전체 복사 후 붙여넣기
-  버튼 클릭하면 해당 SQL 실행
- 하단의 Result 부분에 실행 결과 조회

SAP HANA Database Explorer

Data Lake 테이블 생성

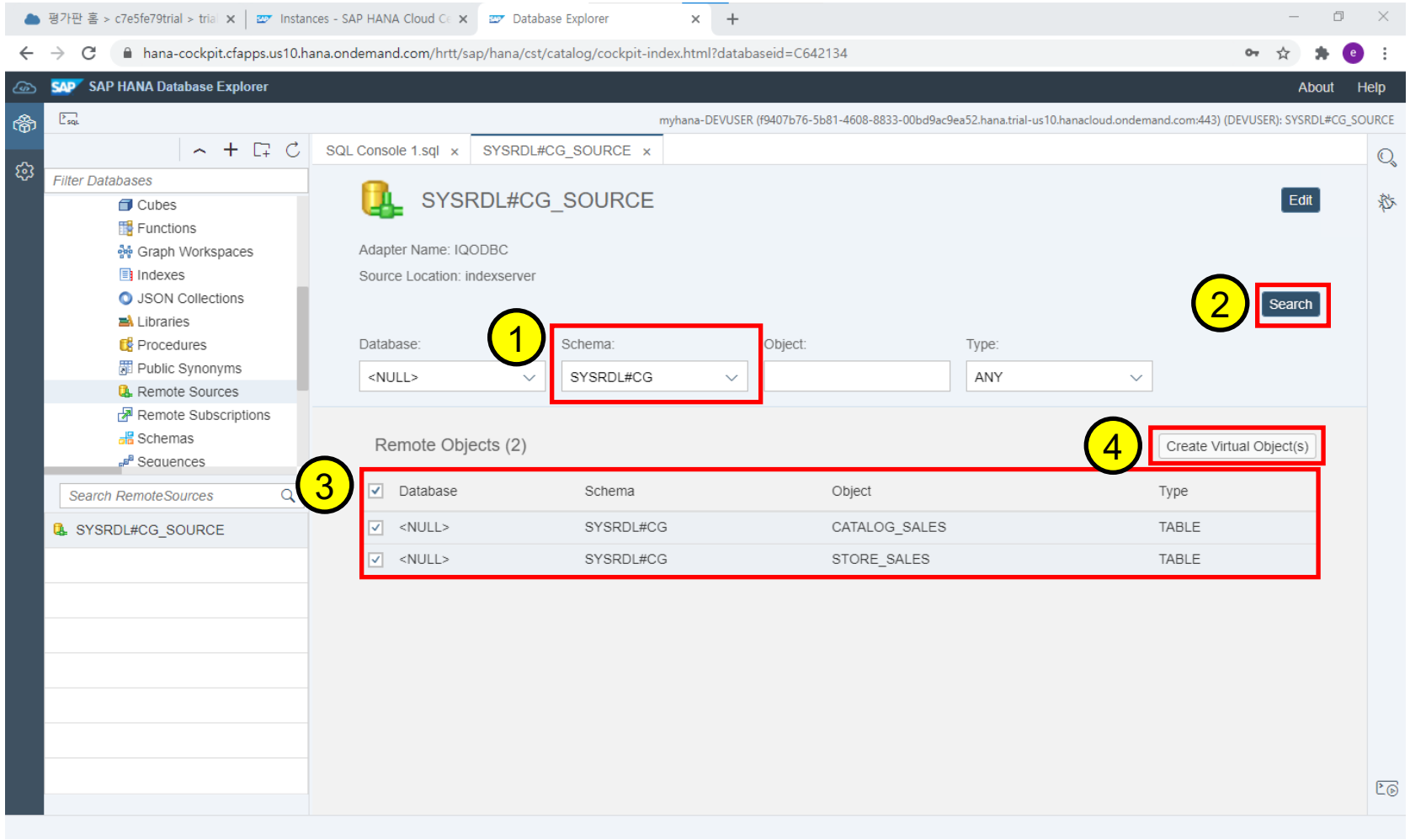


SAP HANA Database Explorer

- 좌측 메뉴에서 Catalog >> Remote Sources 클릭
- 좌측 하단에서 SYSRDL#CG_SOURCE 클릭

SAP HANA Database Explorer

Data Lake 테이블 생성

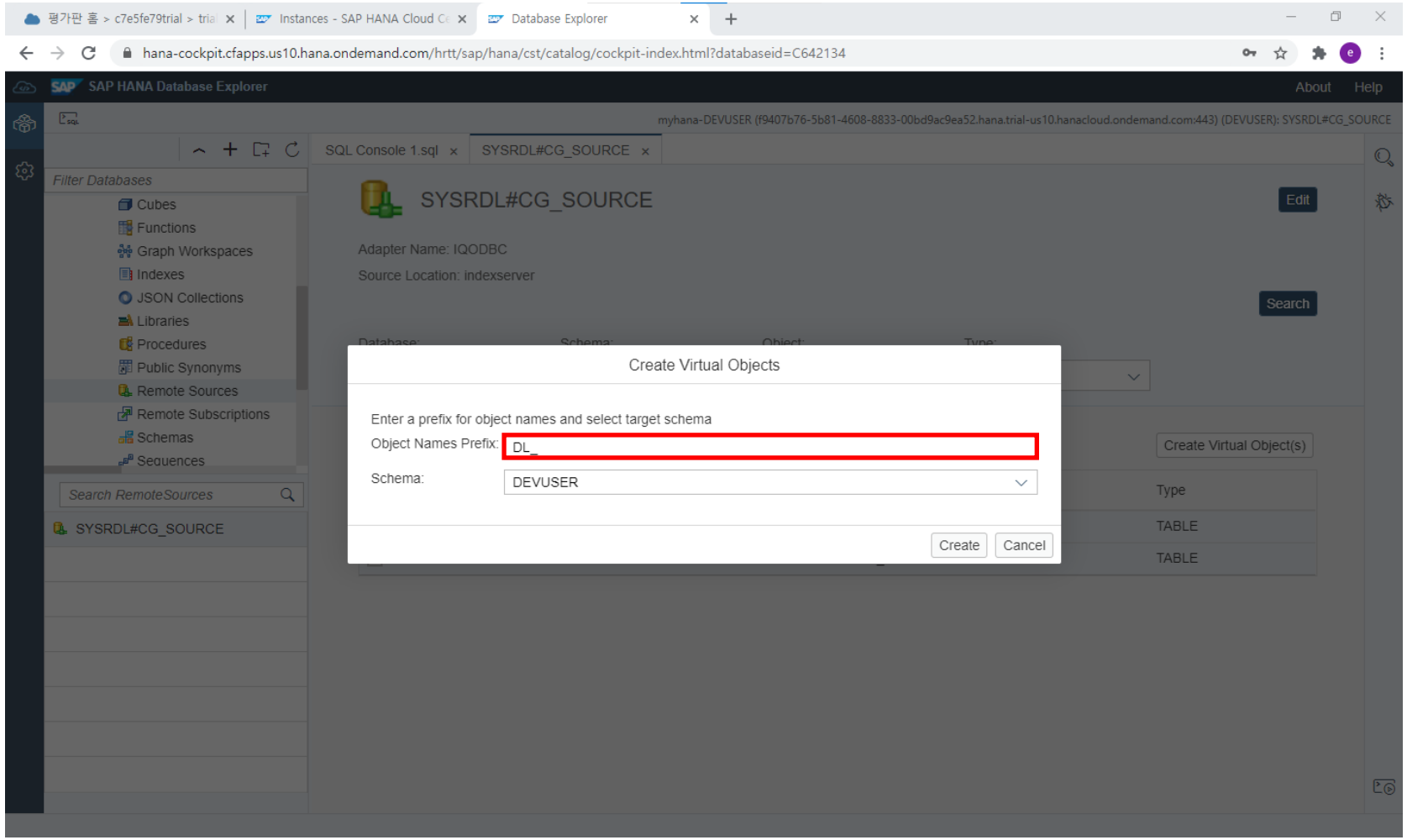


SAP HANA Database Explorer

- Schema : **SYSRDL#CG** 선택
- “Search” 버튼 클릭
- Data Lake에 생성된 테이블 확인
- “Create Virtual Objects” 버튼 클릭

SAP HANA Database Explorer

Data Lake 테이블에 대한 Virtual 테이블 생성

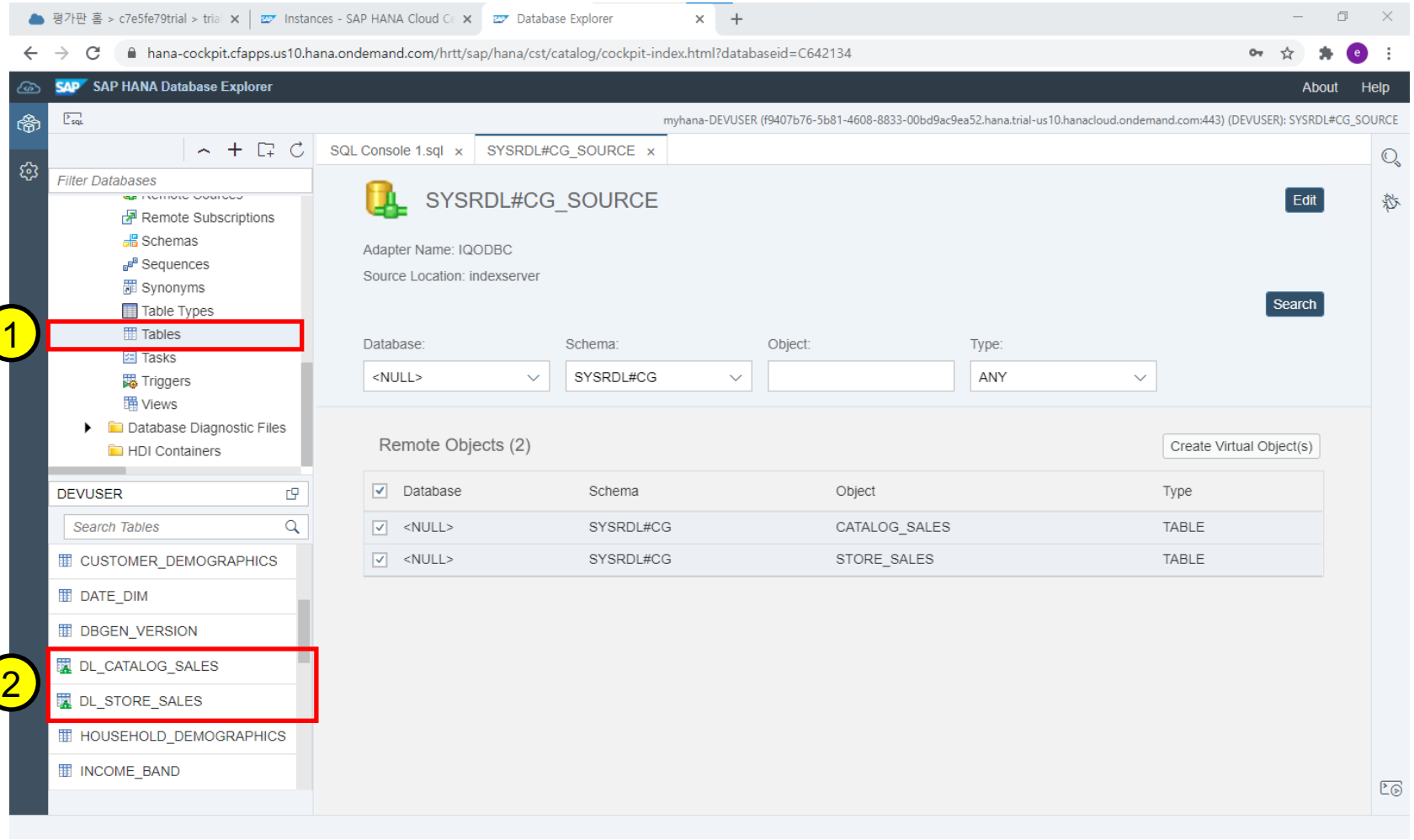


SAP HANA Database Explorer

- Object Names Prefix : **DL_** 입력
- “Create” 버튼 클릭

SAP HANA Database Explorer

Data Lake 테이블에 대한 Virtual 테이블 생성

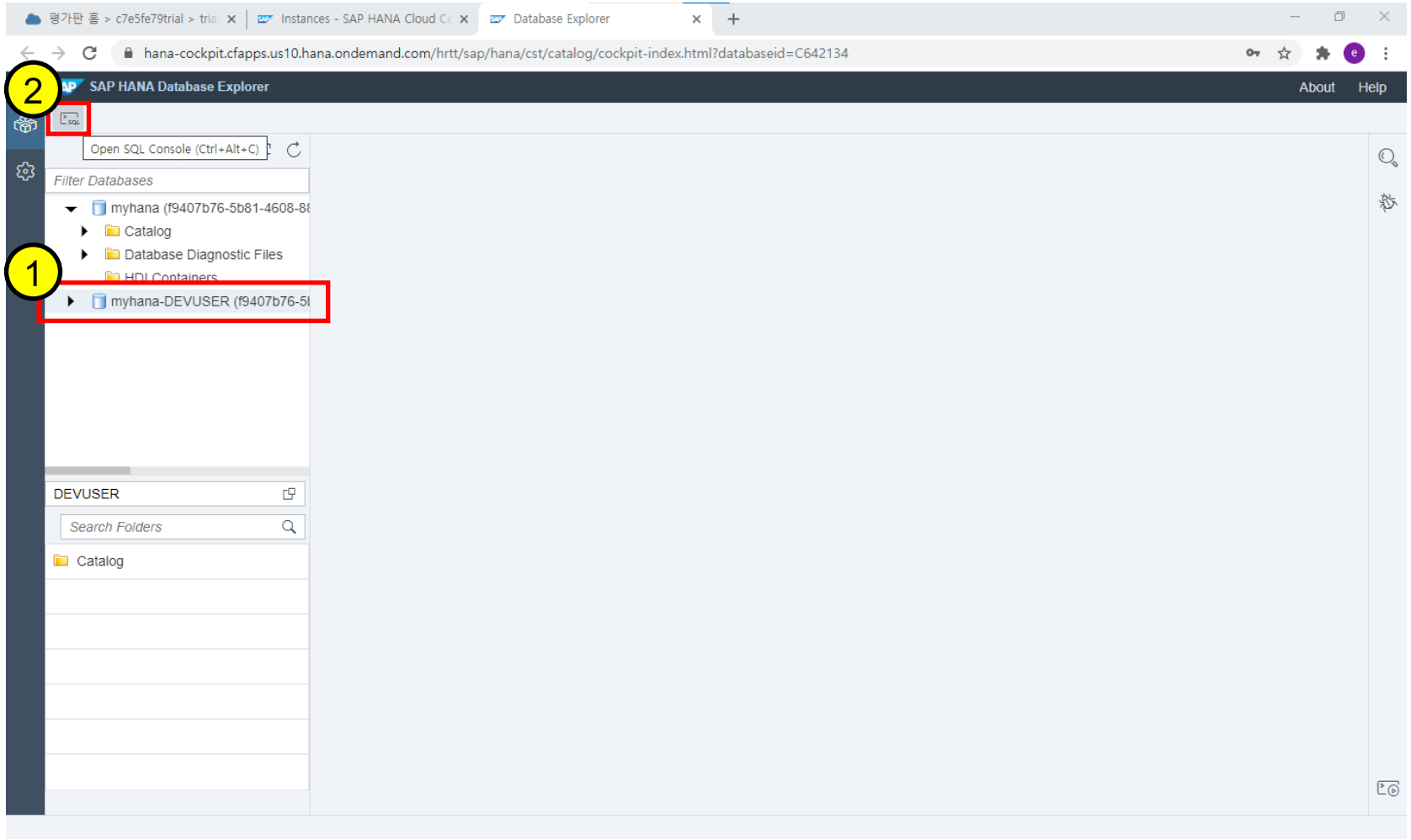


SAP HANA Database Explorer

- 좌측 메뉴에서 Catalog >> Tables 클릭
- 좌측 하단에 생성한 Virtual Table 리스트 확인
- : Virtual Table

SAP HANA Database Explorer

AWS S3 File to Data Lake Data Load



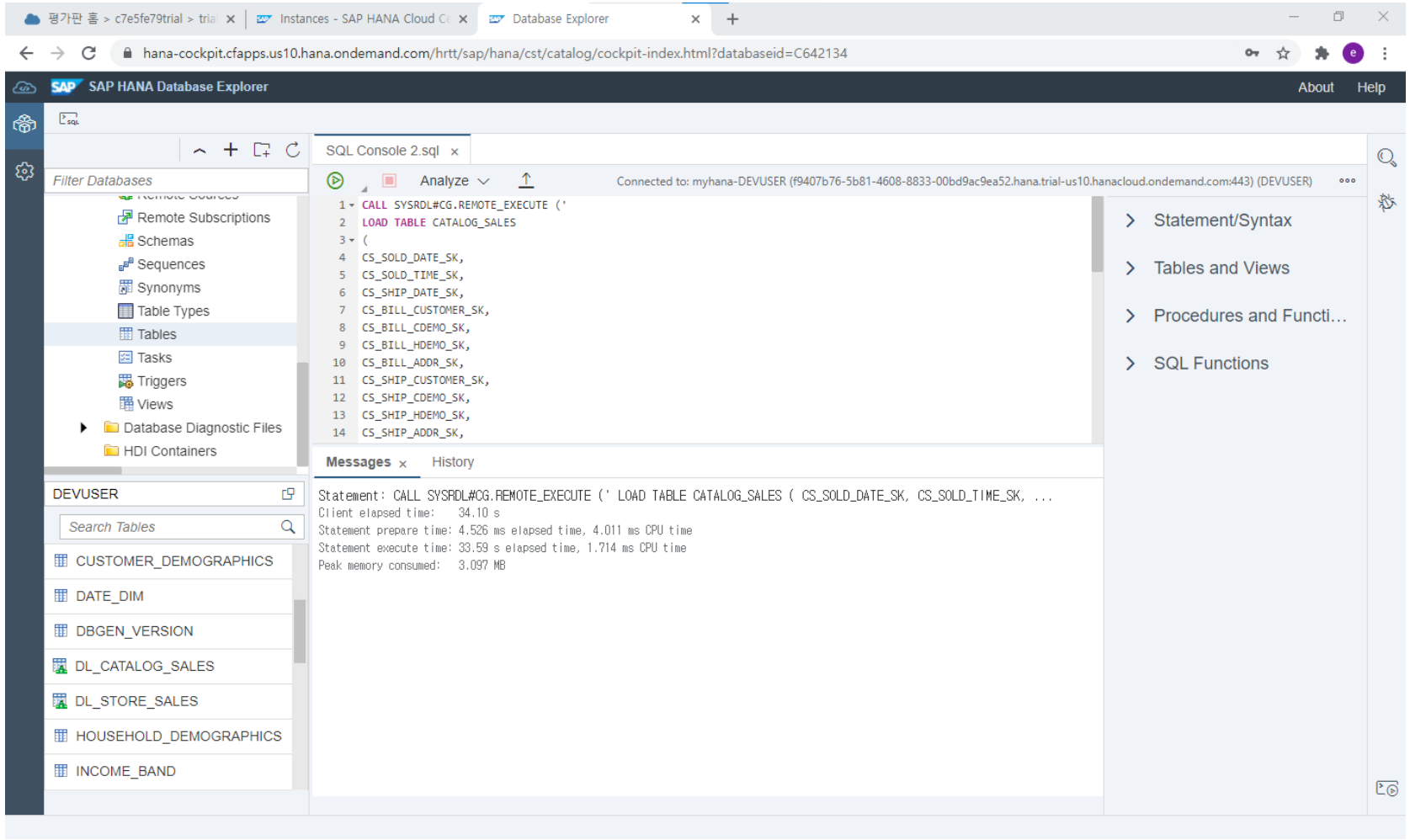
SAP HANA Database Explorer

- DEVUSER Connection 클릭
- “SQL” 버튼 클릭

SAP HANA Database Explorer

AWS S3 File to Data Lake Data Load

File Location :
https://github.com/euimankim/HANA_Cloud_Enablement



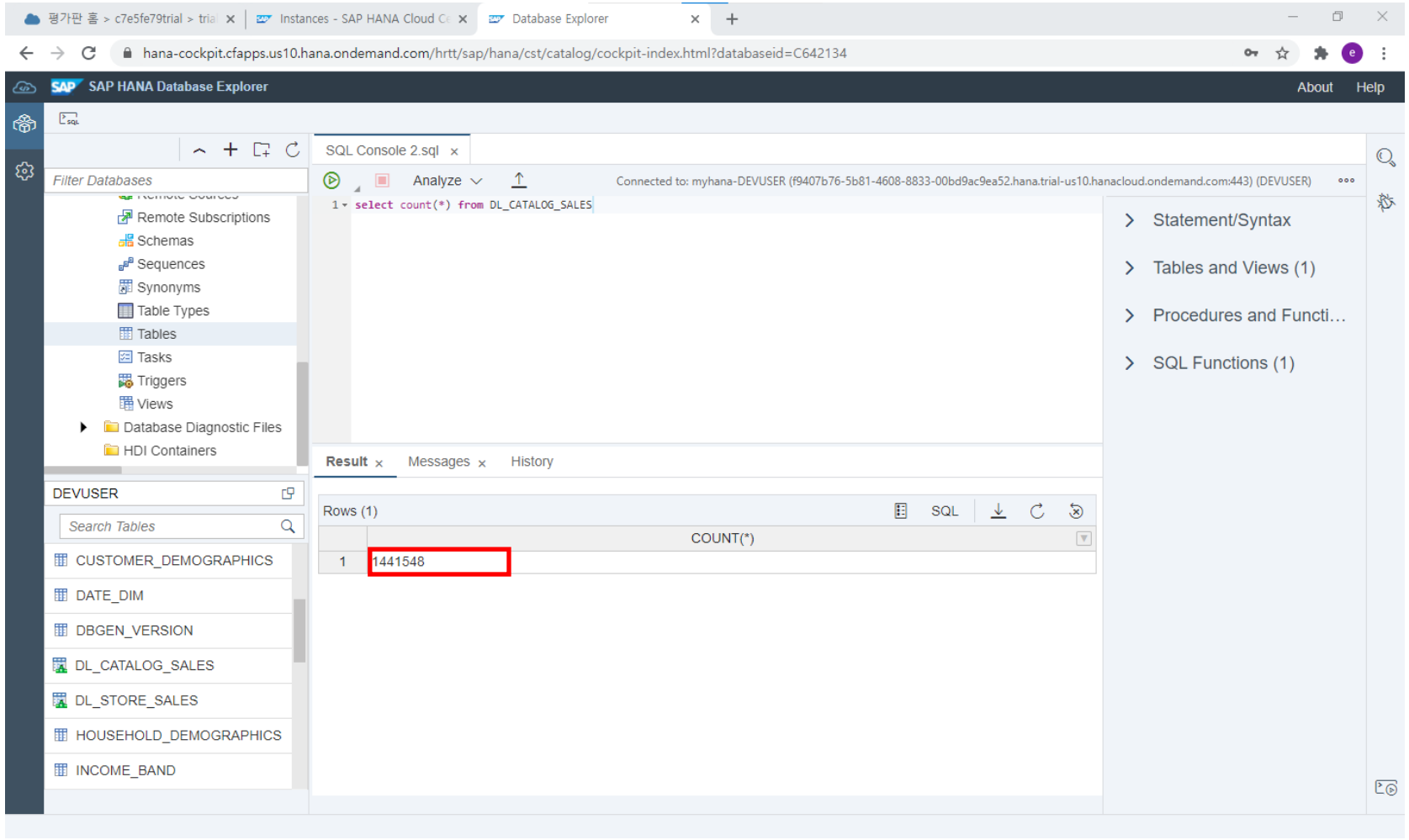
SAP HANA Database Explorer

- import_data_data_lake.sql 파일의 내용 중 1 단계 SQL을 복사 후 붙여넣기
-  버튼을 클릭하면 해당 SQL 실행

SAP HANA Database Explorer

AWS S3 File to Data Lake Data Load

File Location :
https://github.com/euimankim/HANA_Cloud_Enablement



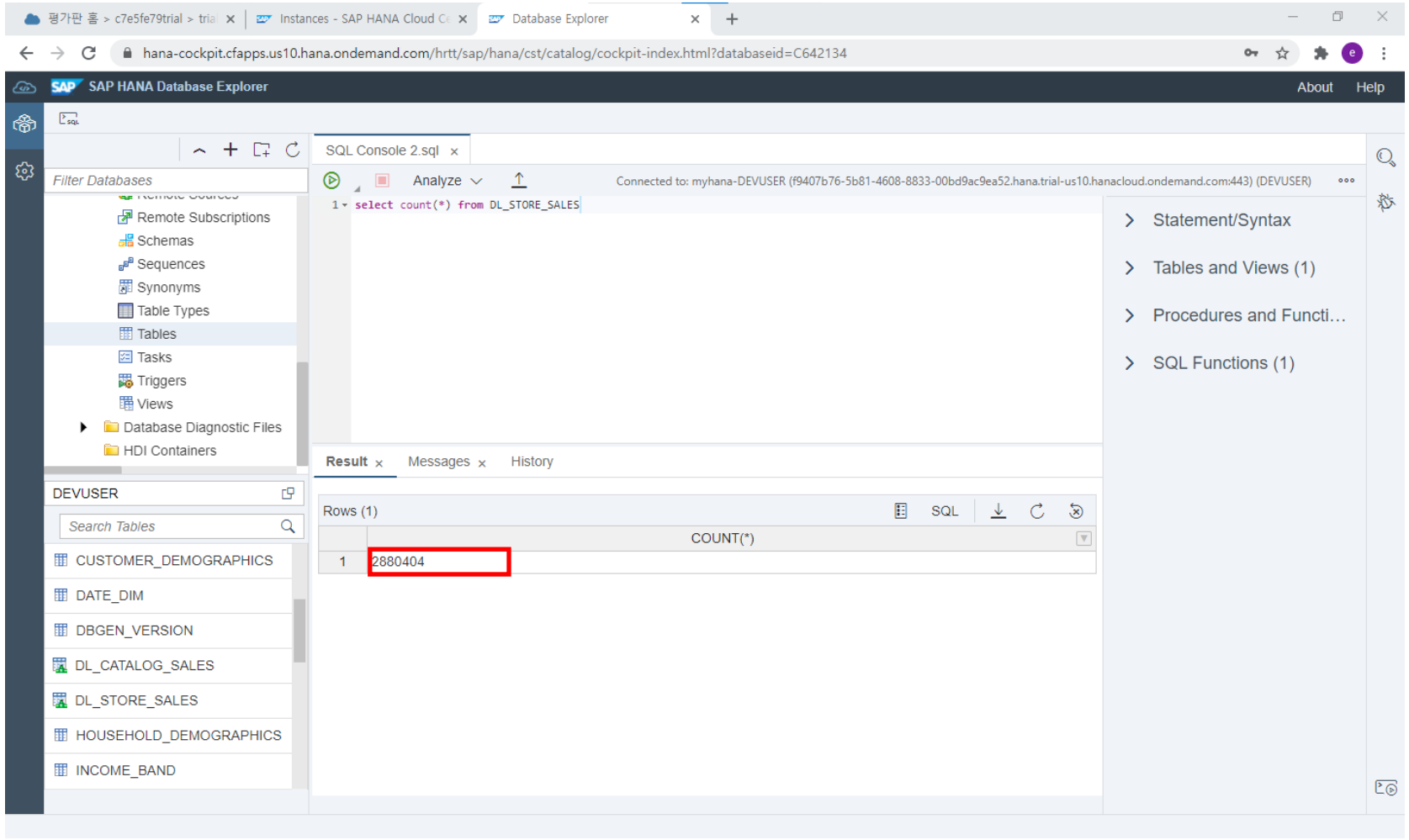
SAP HANA Database Explorer

- import_data_data_lake.sql 파일의 내용 중 2 단계 SQL을 복사 후 붙여넣기
-  버튼을 클릭하면 해당 SQL 실행
- CATALOG_SALES 테이블의 적재 건수 확인

SAP HANA Database Explorer

AWS S3 File to Data Lake Data Load

File Location :
https://github.com/euimankim/HANA_Cloud_Enablement

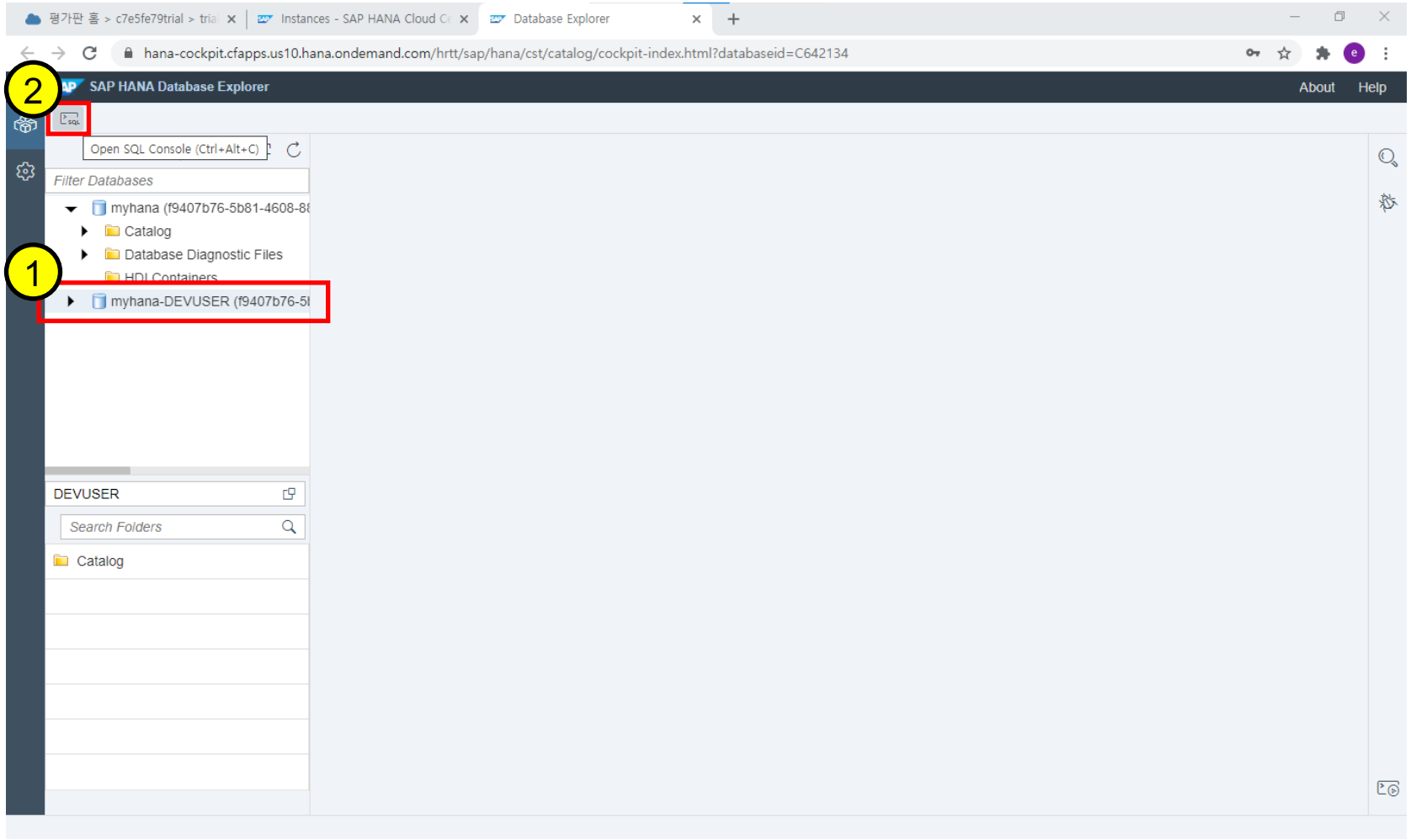


SAP HANA Database Explorer

- import_data_data_lake.sql 파일의 내용 중 3 단계 SQL을 복사 후 붙여넣기
-  버튼을 클릭하면 해당 SQL 실행
- STORE_SALES 테이블의 적재 건수 확인

SAP HANA Database Explorer

HANA Cloud + Data Lake Join Query



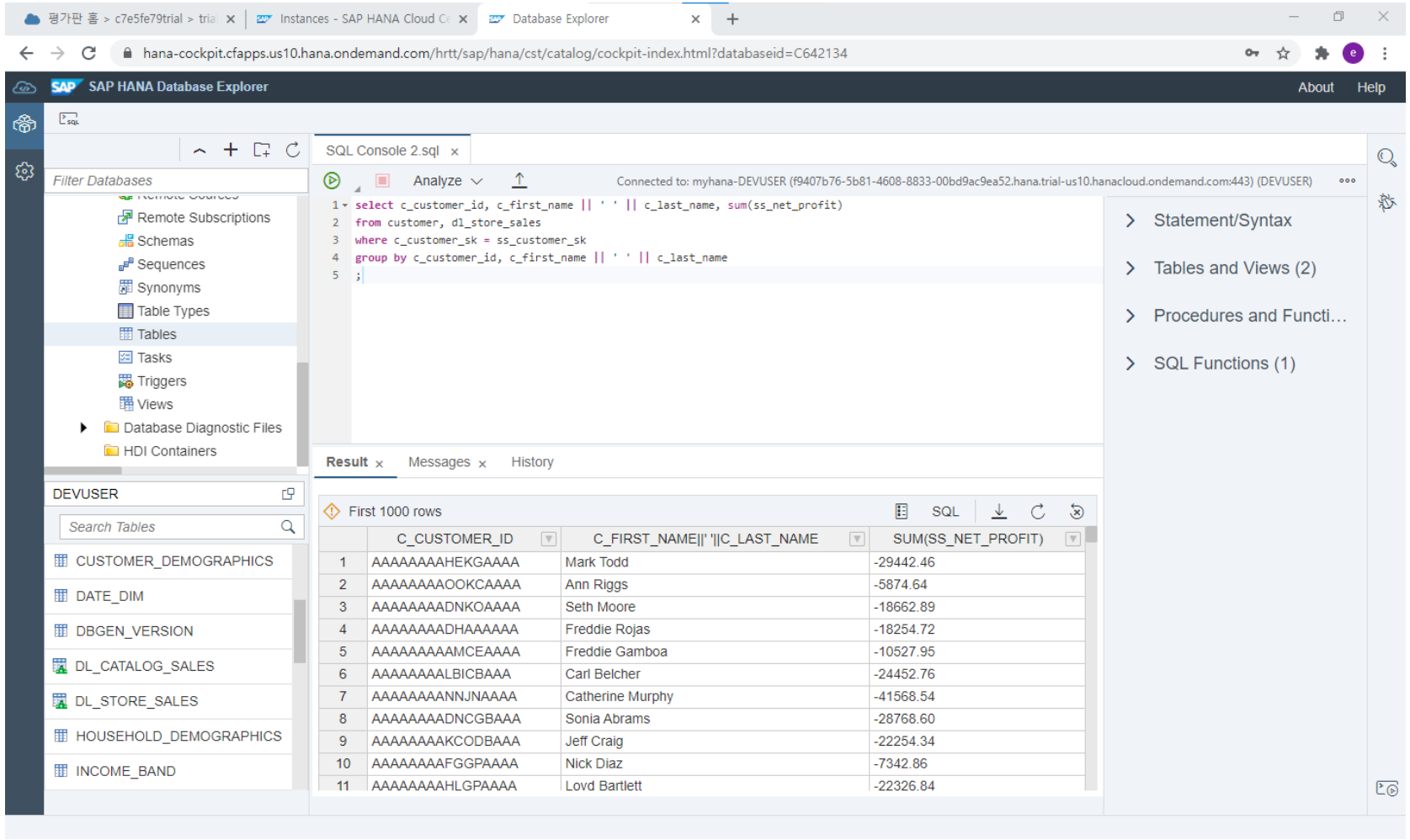
SAP HANA Database Explorer

- DEVUSER Connection 클릭
- “SQL” 버튼 클릭

SAP HANA Database Explorer

HANA Cloud + Data Lake Join Query

File Location :
https://github.com/euimankim/HANA_Cloud_Enablement



SAP HANA Database Explorer

- query.sql 파일의 내용 중 2 단계 SQL을 복사 후 붙여넣기
-  버튼을 클릭하면 해당 SQL 실행
- Result 에서 결과 조회