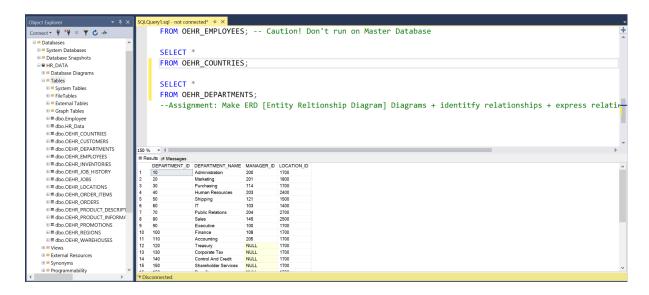
Assignment 1 - DMV

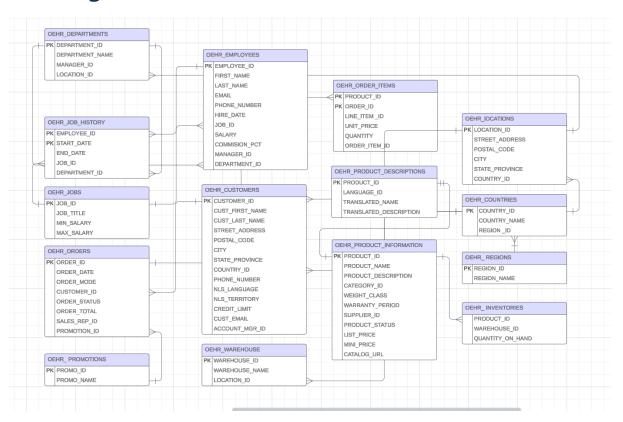
Entity Relationship Diagram / Data Export in SQL Server

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Data Load



ER Diagram



https://lucid.app/lucidchart/1f87644d-91a5-4002-a1bf-20429bff2989/edit?viewport_loc=-1656 %2C-260%2C2338%2C1299%2C0 0&invitationId=inv f76406eb-989f-4eb6-bb10-40ba8be6 55b5

With just primary keys

https://lucid.app/lucidchart/2d086f2b-c693-46d2-acfe-b9de128c49f0/edit?beaconFlowId=4C E4A798BDD0362D&invitationId=inv 941cdf9f-d12e-4f8c-ad41-98c873411414&page=0 0

1. OEHR_JOB_HISTORY:

- Primary Key: `EMPLOYEE_ID`, `START_DATE`.
- Foreign Keys: `JOB_ID`, `DEPARTMENT_ID` can be foreign keys for `OEHR_JOBS` and `OEHR_DEPARTMENTS`

2. OEHR EMPLOYEES:

- Primary Key: `EMPLOYEE_ID`.
- Foreign Keys: `JOB_ID`, `MANAGER_ID`, `DEPARTMENT_ID` can be foreign keys for `OEHR_JOBS`, `and `OEHR_DEPARTMENTS`

3. OEHR_DEPARTMENTS:

- **Primary Key:** `DEPARTMENT_ID`.
- Foreign Keys: `MANAGER_ID` and `LOCATION_ID` can help in linking with `OEHR_EMPLOYEES` and `OEHR_LOCATIONS`.

4. OEHR JOBS:

• Primary Key: `JOB_ID` can be linked with tables having JOB_ID such as 'OEHR_EMPLOYEE'

5. OEHR ORDERS:

- Primary Key: `ORDER_ID`.
- Foreign Keys: `CUSTOMER_ID` and `PROMOTION_ID` can help bridge up with `OEHR_CUSTOMERS` and `OEHR_PROMOTIONS`, respectively.

6. OEHR_ORDER_ITEMS:

- **Primary Key:** `ORDER_ID`, `ORDER_ITEM_ID`.
- Foreign Key: `PRODUCT_ID` creates a many-to-one relationship between 'OEHR_ORDER_ITEMS' and `OEHR_PRODUCT_INFORMATION`.

7. OEHR LOCATIONS:

- Primary Key: `LOCATION_ID`.
- Foreign Keys: `COUNTRY_ID` helps in creating a many to 1 relation between the 'OEHR_LOCATIONS' and `OEHR_COUNTRIES`.

8. OEHR_COUNTRIES:

- Primary Key: `COUNTRY_ID`.
- Foreign Keys: `REGION_ID` creates a many to one relation with `OEHR_REGIONS`.

9. OEHR_REGIONS:

• Primary Key: `REGION_ID`

10. OEHR CUSTOMERS:

- Primary Key: `CUSTOMER_ID`.
- Foreign Keys: `COUNTRY_ID` reference `OEHR_COUNTRIES`

11. OEHR WAREHOUSE:

- **Primary Key:** `WAREHOUSE_ID`.
- Foreign Key: `LOCATION_ID` helps connect with `OEHR_LOCATIONS` in a many to one relation.

12. OEHR_PRODUCT_INFORMATION:

- **Primary Key:** `PRODUCT_ID`.
- Foreign Keys: Not Available. 'PRODUCT IF' itself is used as a foreign key with respect to other tables.

13. OEHR_INVENTORIES:

- Primary Key: No Primary key in here by we can make composite by →`PRODUCT_ID +
 WAREHOUSE_ID`.
- Foreign Keys: `PRODUCT_ID` and `WAREHOUSE_ID` can help connect the table with `OEHR_PRODUCT_INFORMATION` and `OEHR_WAREHOUSE`, respectively.

14. OEHR_PROMOTIONS:

Primary Key: `PROMO_ID`

15. OEHR_PRODUCT_DESCRIPTIONS:

- Primary Key: `PRODUCT_ID`
- Foreign Key: `PRODUCT_ID` rcan connect with other tables such as `OEHR_PRODUCT_INFORMATION`. The relationship between these tables is 1 to 1.