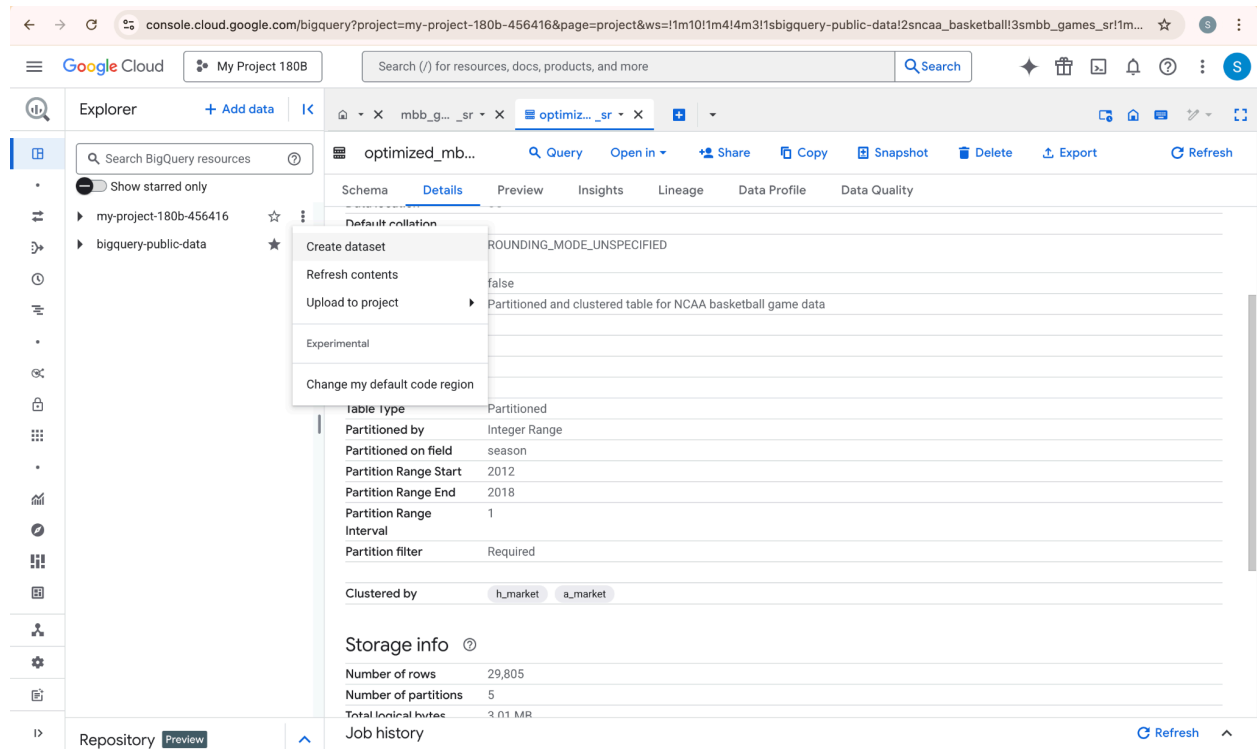
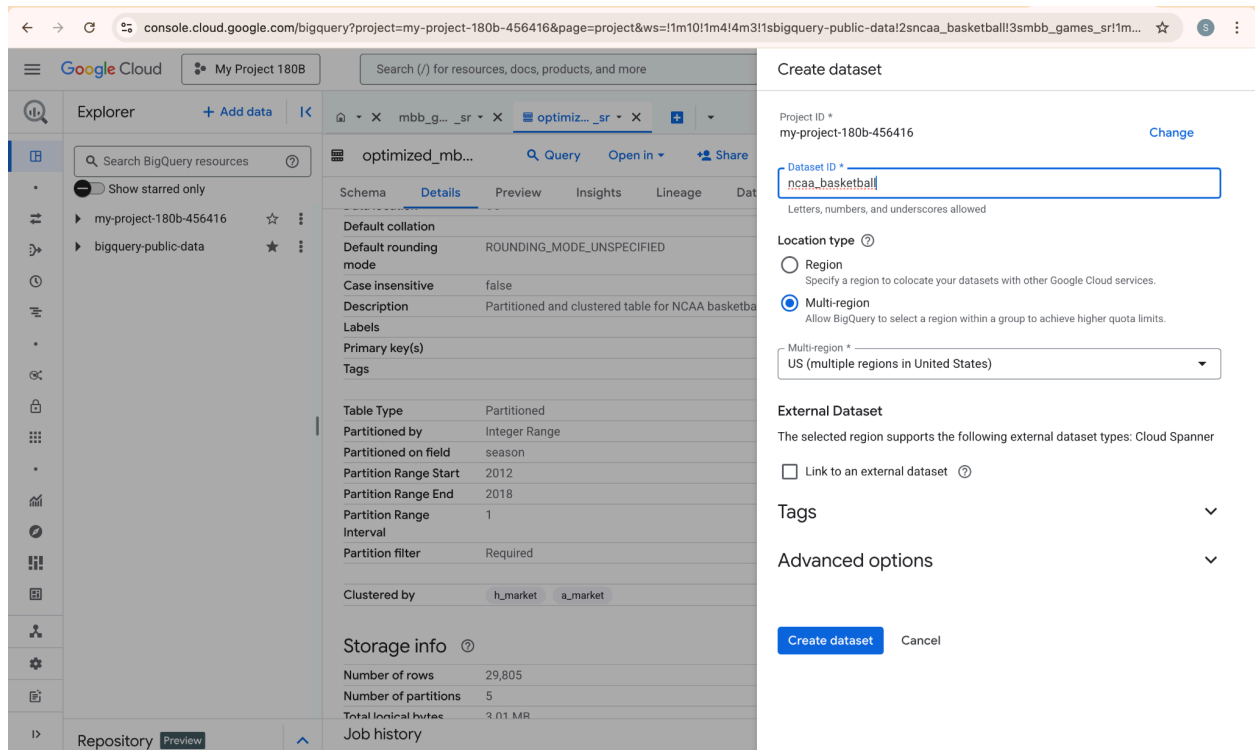


Instruction to create partition for ncaa\_basketball for bigquery dataset.

Go to your project in the left section of Google Cloud Console and click on the three dots at the end of project name, then select “Create Dataset”.



Once the above step is complete, it will open a window on the right side of the console to create a dataset.



As mentioned in the above picture, add the details.

ID: ncaa\_basketball

Multi Region: US

Click on "Create Dataset".

Then open a query tab and run the below query to create the "optimized\_mbb\_games\_sr" table in the dataset.

Query:

```
CREATE TABLE `my-project-180b-456416.ncaa_basketball.optimized_mbb_games_sr`
PARTITION BY RANGE_BUCKET(season, GENERATE_ARRAY(2012, 2018, 1))
CLUSTER BY h_market, a_market
OPTIONS (
  description = "Partitioned and clustered table for NCAA basketball game data",
  require_partition_filter = true
)
AS
SELECT
  season,
  h_market,
```

```
a_market,  
h_points_game,  
a_points_game,  
h_field_goals_att,  
a_field_goals_att,  
h_offensive_rebounds,  
a_offensive_rebounds,  
h_turnovers,  
a_turnovers,  
h_free_throws_att,  
a_free_throws_att
```

```
FROM
```

```
`bigquery-public-data.ncaa_basketball.mbb_games_sr`
```

```
WHERE
```

```
h_points_game IS NOT NULL  
AND a_points_game IS NOT NULL  
AND h_market IS NOT NULL  
AND a_market IS NOT NULL;
```