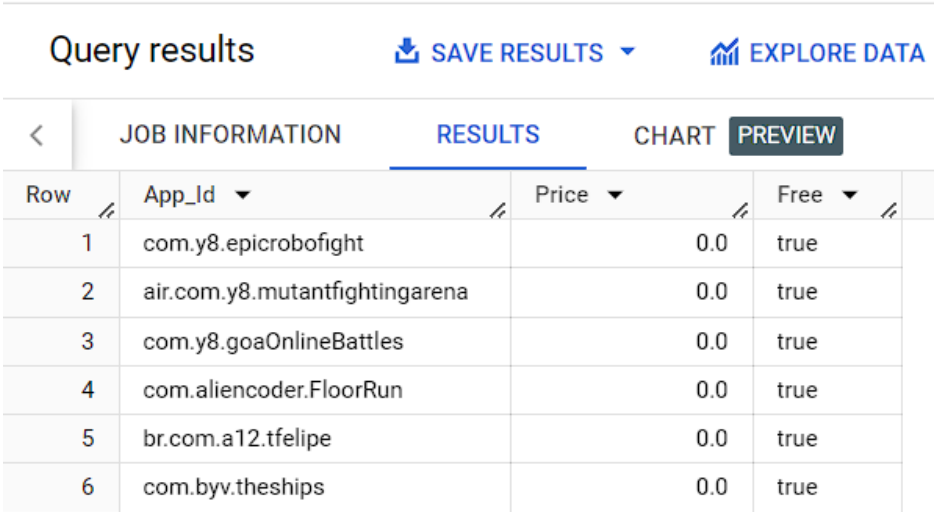
Queries

1) Retrieve all apps in the 'Action' category along with their price and whether they are free or not:

```
SELECT App_Id, Price, Free
FROM playstore_dataset.D_developer_dimension
WHERE App_Id IN (
 SELECT App_Id
 FROM playstore_dataset.D_app_dimensions
WHERE Category = 'Action'
)
```



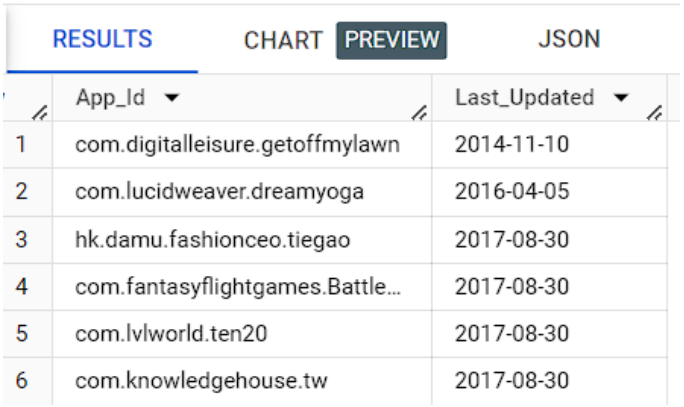
Query results SAVE RESULTS EXPLORE DATA

JOB INFORMATION | RESULTS | CHART PREVIEW

Row	App_Id	Price	Free
1	com.y8.epicrobofight	0.0	true
2	air.com.y8.mutantfightingarena	0.0	true
3	com.y8.goaOnlineBattles	0.0	true
4	com.aliencoder.FloorRun	0.0	true
5	br.com.a12.tfelipe	0.0	true
6	com.byv.theships	0.0	true

2) List the last updated date for apps with in-app purchases:

```
SELECT App_Id, Last_Updated
FROM playstore_dataset.D_content_data_dimension
WHERE In_App_Purchases = TRUE
```



RESULTS | CHART PREVIEW | JSON

	App_Id	Last_Updated
1	com.digitalleisure.getoffmylawn	2014-11-10
2	com.lucidweaver.dreamyoga	2016-04-05
3	hk.damu.fashionceo.tiegao	2017-08-30
4	com.fantasyflightgames.Battle...	2017-08-30
5	com.lvlworld.ten20	2017-08-30
6	com.knowledgehouse.tw	2017-08-30

3) Find the average rating for each content rating category:

```
SELECT Content_Rating, AVG(Rating) as AverageRating
FROM playstore_dataset.D_content_data_dimension c
JOIN playstore_dataset.F_fact_table f ON c.App_Id = f.App_Id
GROUP BY Content_Rating
```

Query results

JOB INFORMATION | RESULTS | CHART | PREVIEW

Row	Content_Rating	AverageRating
1	Everyone	2.271893055923...
2	Mature 17+	2.622894521668...
3	Teen	2.551479047956...
4	Everyone 10+	2.923534883720...
5	Adults only 18+	2.596470588235...
6	Unrated	2.710526315789...

4) Get the total number of installs for each developer:

```
SELECT d.Developer, SUM(f.Installs) as TotalInstalls
FROM playstore_dataset.D_developer_dimension d
JOIN playstore_dataset.F_fact_table f ON d.App_Id = f.App_Id
GROUP BY d.Developer
```

Query results

JOB INFORMATION | RESULTS | CHART | PREVIEW

Row	Developer	TotalInstalls
41	VD	14558545
42	VQ	1212
43	W5	192981
44	WR	9728563
45	Wo	61957
46	Y8	19439002

5) Calculate the average price of apps that have in-app purchases, grouped by the content rating:

```
SELECT c.Content_Rating, AVG(d.Price) as AveragePrice
FROM playstore_dataset.D_content_data_dimension c
JOIN playstore_dataset.D_developer_dimension d ON c.App_Id = d.App_Id
WHERE c.In_App_Purchases = TRUE
GROUP BY c.Content_Rating;
```

Query results

JOB INFORMATION | RESULTS | CHART | PREVIEW

Row	Content_Rating	AveragePrice
1	Everyone	0.094712718048...
2	Everyone 10+	0.144149439622...
3	Mature 17+	0.095950398582...
4	Teen	0.066264072436...
5	Adults only 18+	0.0

6) Find the top 5 developers by the total number of installs, where apps have a rating count higher than a certain threshold and the apps are free:

```
SELECT dev.Developer, SUM(fact.Installs) as TotalInstalls
FROM playstore_dataset.D_developer_dimension dev
JOIN playstore_dataset.F_fact_table fact ON dev.App_Id = fact.App_Id
WHERE dev.Free = TRUE AND fact.Rating_Count > 10000
GROUP BY dev.developer
ORDER BY TotalInstalls DESC
LIMIT 5;
```

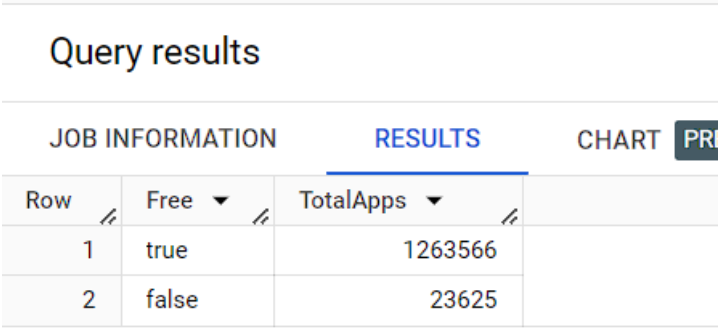
Query results

JOB INFORMATION | RESULTS | CHART | PREVIEW

Row	Developer	TotalInstalls
1	Google LLC	129610196758
2	Microsoft Corporation	9506488991
3	Samsung Electronics Co., Ltd.	7929528579
4	Facebook	7314694000
5	WhatsApp LLC	6969814358

7) Count of Free and Paid Apps:

```
SELECT Free, COUNT(*) as TotalApps
FROM `dbproject-406721.playstore_dataset.D_developer_dimension`
GROUP BY Free;
```



Query results

JOB INFORMATION | RESULTS | CHART | PR

Row	Free	TotalApps
1	true	1263566
2	false	23625