

- Let's get organized
- Data analysis basics
- Organize data for analysis
- Video: Always a need to organize

2 min

Reading: Keeping data organized with sorting and filters

10 min

Reading: Optional: Upload the movie dataset to BigQuery

10 min

Video: More on sorting and filtering

5 min

Practice Quiz: Test your knowledge on organizing data

3 questions
- Sort data in spreadsheets
- Sort data using SQL
- Weekly challenge 1

Optional: Upload the movie dataset to BigQuery

The next video demonstrates how to use SQL to filter data in a large dataset in BigQuery.

If you would like to follow along with the instructor, you will need to log in to your BigQuery account and upload the movie dataset provided as a CSV file. If you have hopped around courses, [Using BigQuery](#) in the **Prepare Data for Exploration** course covers how to set up a BigQuery account.

Prepare for the next video

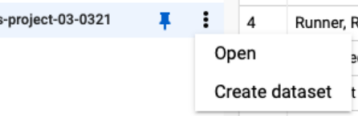
- First, download the CSV file from the attachment below:



- Next, complete the following steps in your BigQuery console to upload the movie dataset.

Step 1: Open your BigQuery console and click on the project you want to upload the data to.

Step 2: In the Explorer on the left, click the Actions icon (three vertical dots) next to your project name and select **Create dataset**.



Step 3: In the upcoming video, the name "movie_data" will be used for the dataset. If you plan to follow along with the video, enter **movie_data** for the Dataset ID.

Create dataset

Dataset ID *

movie_data

Letters, numbers, and underscores allowed

Data location

Default

Default table expiration

☐ Enable table expiration

Default maximum table age

Days

Encryption

- ☒ Google-managed encryption key
- No configuration required
- ☐ Customer-managed encryption key (CMEK)
- Manage via Google Cloud Key Management Service

CREATE DATASET

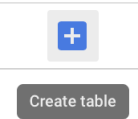
CANCEL

Step 4: Click **CREATE DATASET** (blue button) to add the dataset to your project.

Step 5: In the Explorer on the left, click to expand your project and then click the **movie_data** dataset you just created.

Step 6: Click the Actions icon (three vertical dots) next to movie_data and select **Open**.

Step 7: Click the blue + icon at the top right to open the Create table window.



Step 8: Under Source, for the Create table from selection, choose where the data will be coming from.

- Select **Upload**.
- Click **Browse** to select the Movie Data CSV file you downloaded.
- Choose **CSV** from the file format drop-down.

Step 9: Under Destination, for Table name enter **movies** to match the table in the video.

Step 10: For Schema, click the Auto detect check box.

Step 11: Click **Create table** (blue button). You will now see the **movies** table under your **movie_data** dataset in your project.

Step 12: Click **movies** and then select the **Preview** tab. Confirm that you see the data shown below.

Row	Movie Title	Release Date	Release Date (YYYY-MM-DD)	Score	Score (1-5)
1	No Good Deed	2014-08-12	https://www.googleapis.com/storage/v1/b/bigquery-datasets/2014-08-12	Score	1.0
2	New Year's Eve	2011-01-01	https://www.googleapis.com/storage/v1/b/bigquery-datasets/2011-01-01	Score	1.0
3	Runaway	2013-08-09	https://www.googleapis.com/storage/v1/b/bigquery-datasets/2013-08-09	Score	1.0
4	Runaway	2013-08-27	https://www.googleapis.com/storage/v1/b/bigquery-datasets/2013-08-27	Score	1.0
5	Runaway	2013-08-27	https://www.googleapis.com/storage/v1/b/bigquery-datasets/2013-08-27	Score	1.0
6	Runaway	2013-08-27	https://www.googleapis.com/storage/v1/b/bigquery-datasets/2013-08-27	Score	1.0
7	The Family	2013-08-13	https://www.googleapis.com/storage/v1/b/bigquery-datasets/2013-08-13	Score	1.0
8	The Family	2013-08-13	https://www.googleapis.com/storage/v1/b/bigquery-datasets/2013-08-13	Score	1.0
9	The Family	2013-08-13	https://www.googleapis.com/storage/v1/b/bigquery-datasets/2013-08-13	Score	1.0
10	The Family	2013-08-13	https://www.googleapis.com/storage/v1/b/bigquery-datasets/2013-08-13	Score	1.0
11	The Family	2013-08-13	https://www.googleapis.com/storage/v1/b/bigquery-datasets/2013-08-13	Score	1.0
12	The Family	2013-08-13	https://www.googleapis.com/storage/v1/b/bigquery-datasets/2013-08-13	Score	1.0
13	The Family	2013-08-13	https://www.googleapis.com/storage/v1/b/bigquery-datasets/2013-08-13	Score	1.0
14	The Family	2013-08-13	https://www.googleapis.com/storage/v1/b/bigquery-datasets/2013-08-13	Score	1.0
15	The Family	2013-08-13	https://www.googleapis.com/storage/v1/b/bigquery-datasets/2013-08-13	Score	1.0
16	The Family	2013-08-13	https://www.googleapis.com/storage/v1/b/bigquery-datasets/2013-08-13	Score	1.0
17	The Family	2013-08-13	https://www.googleapis.com/storage/v1/b/bigquery-datasets/2013-08-13	Score	1.0
18	The Family	2013-08-13	https://www.googleapis.com/storage/v1/b/bigquery-datasets/2013-08-13	Score	1.0
19	The Family	2013-08-13	https://www.googleapis.com/storage/v1/b/bigquery-datasets/2013-08-13	Score	1.0
20	The Family	2013-08-13	https://www.googleapis.com/storage/v1/b/bigquery-datasets/2013-08-13	Score	1.0
21	The Family	2013-08-13	https://www.googleapis.com/storage/v1/b/bigquery-datasets/2013-08-13	Score	1.0
22	The Family	2013-08-13	https://www.googleapis.com/storage/v1/b/bigquery-datasets/2013-08-13	Score	1.0

Congratulations, you are now ready to follow along with the next video.

Mark as completed

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