



Monitoring

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Solutions Developer, Google
Cloud





Agenda

Course Intro

Monitoring

Logging and Error Reporting

Troubleshooting and Debugging

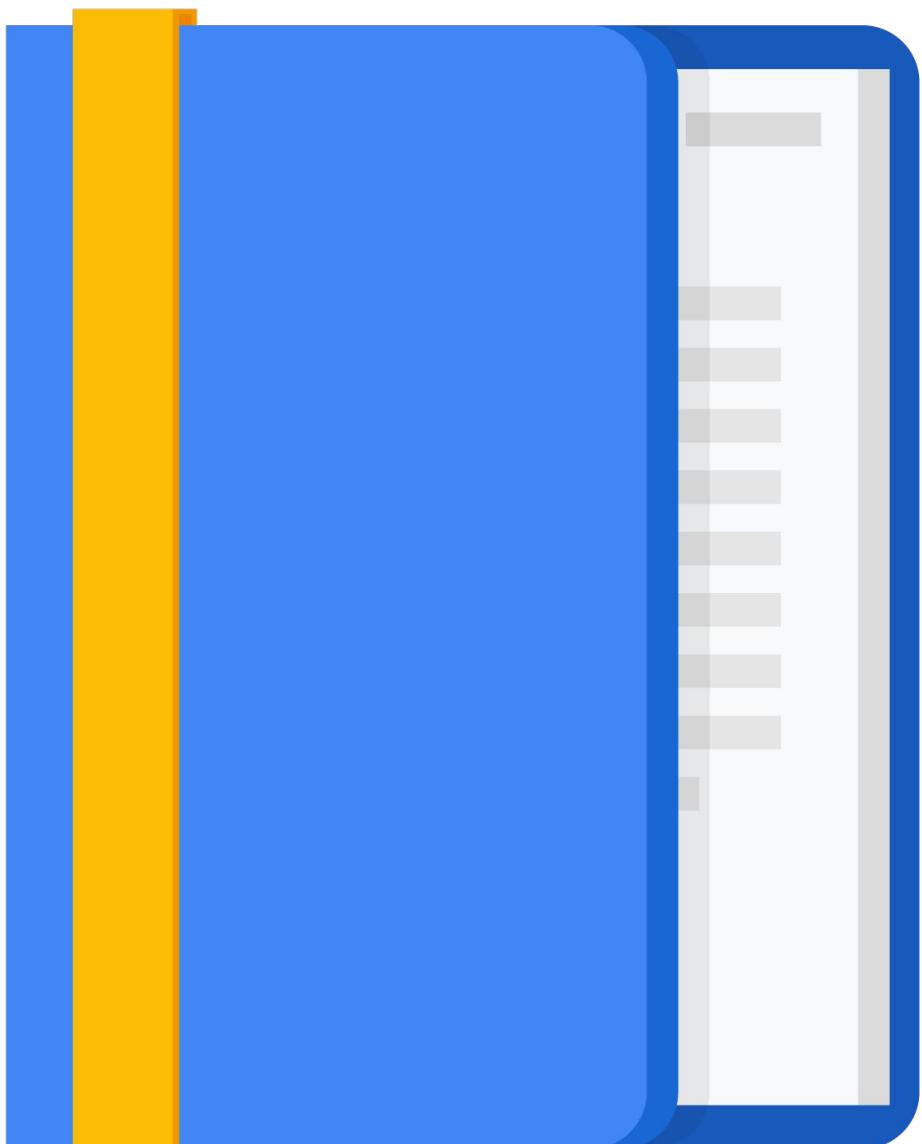
Performance

Testing and CI/CD

Reliability

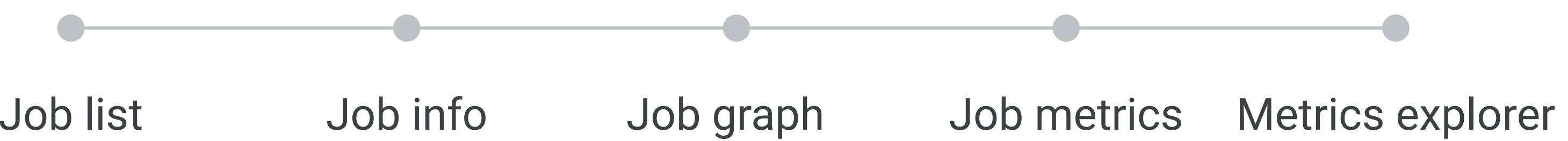
Flex Templates

Course Summary



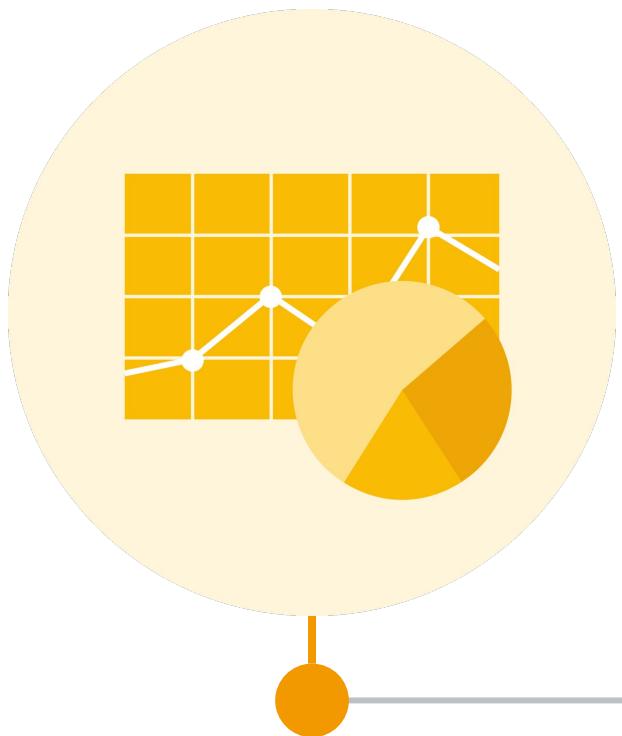
Monitoring

Agenda



Monitoring

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Job list

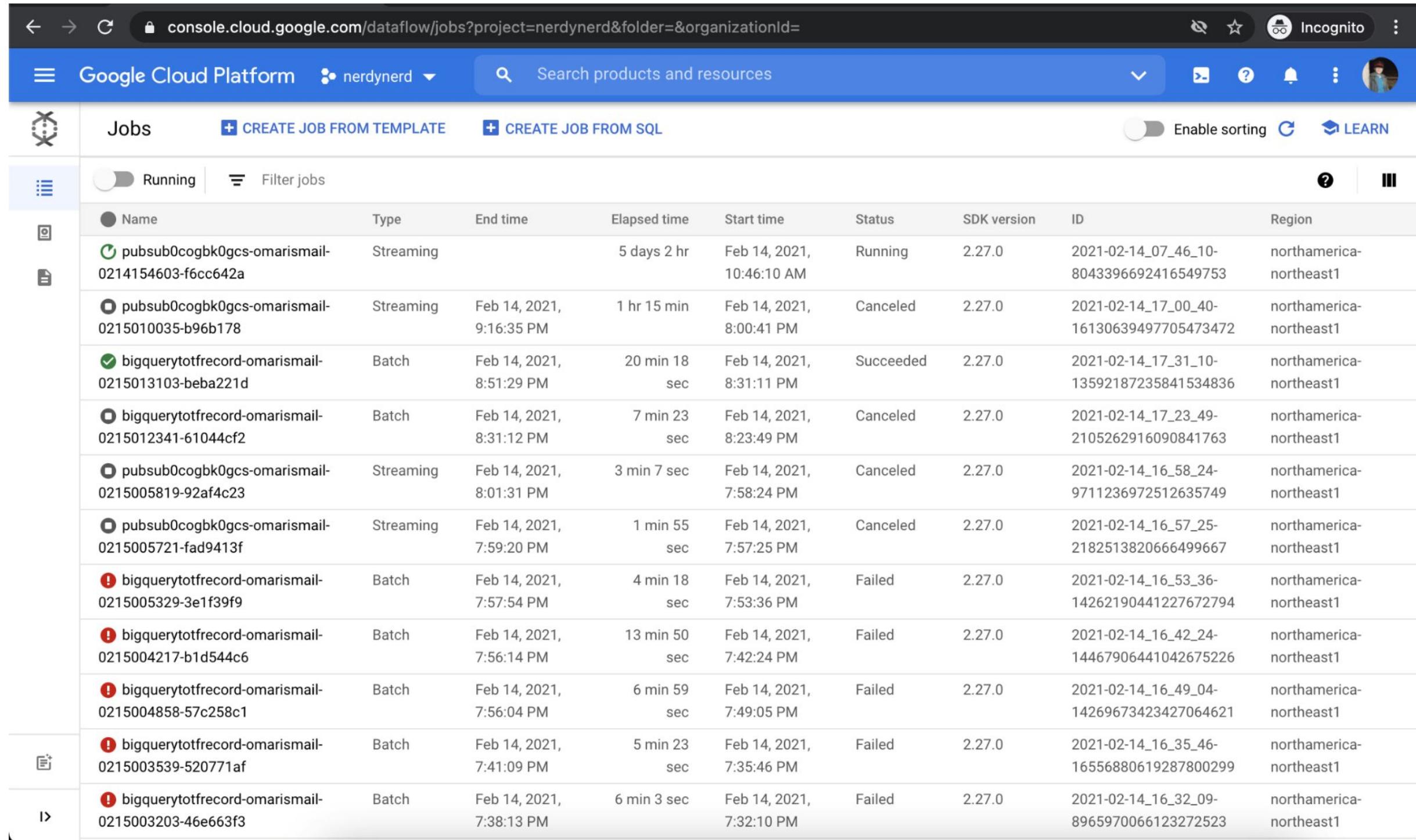
Job info

Job graph

Job metrics

Metrics explorer

Job list

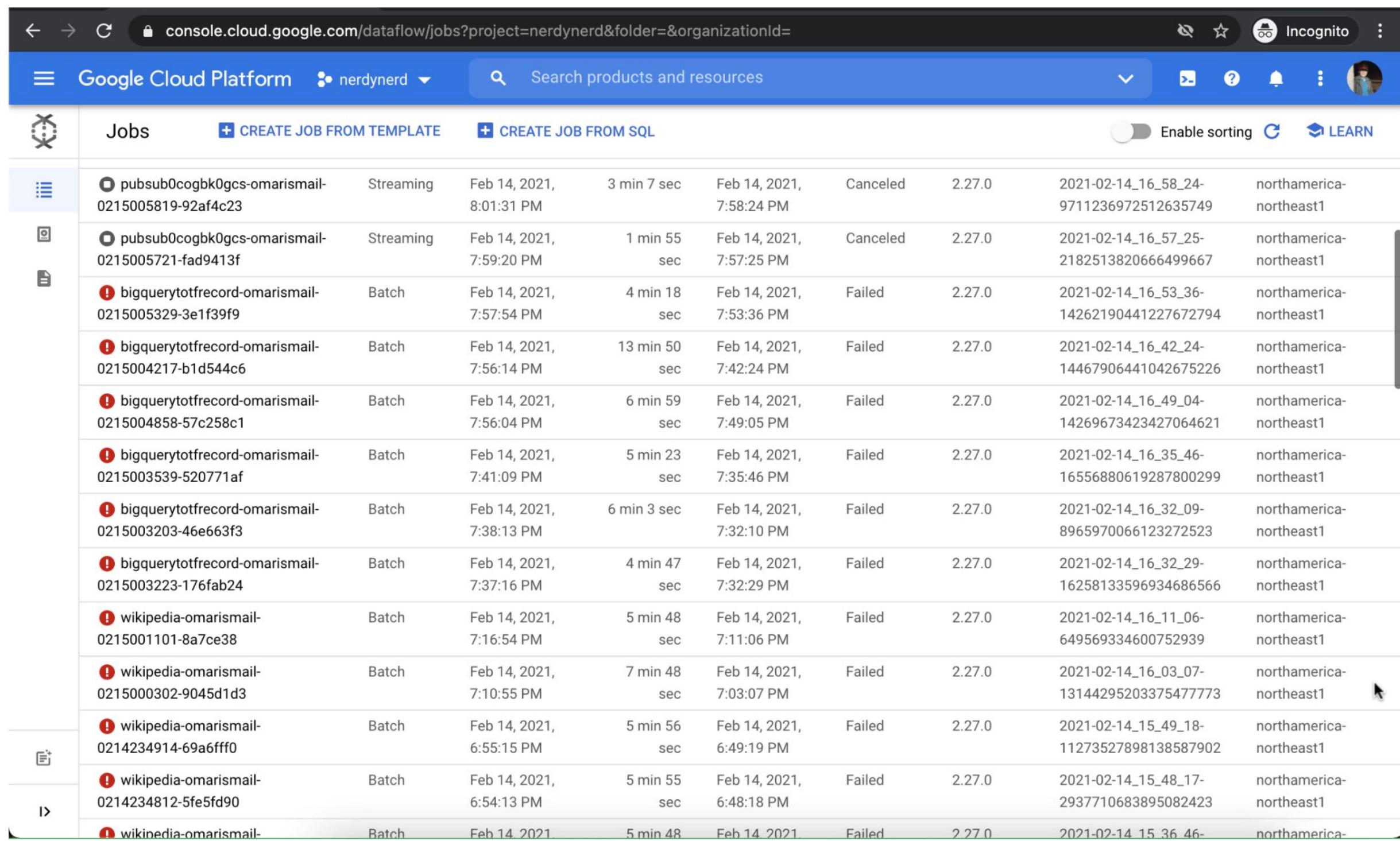


The screenshot shows the Google Cloud Platform Dataflow job list interface. The top navigation bar includes the URL `console.cloud.google.com/dataflow/jobs?project=nerdynerd&folder=&organizationId=`, the Incognito mode icon, and a search bar. The main header has tabs for "Jobs", "+ CREATE JOB FROM TEMPLATE", and "+ CREATE JOB FROM SQL". A "Enable sorting" toggle and a "LEARN" button are also present.

The table lists 12 jobs, each with a status indicator (green for running, grey for canceled, red for failed), name, type, end time, elapsed time, start time, status, SDK version, ID, and region. The "Running" filter is selected.

	Name	Type	End time	Elapsed time	Start time	Status	SDK version	ID	Region
1	pubsub0cogbk0gcs-omarismail-0214154603-f6cc642a	Streaming		5 days 2 hr	Feb 14, 2021, 10:46:10 AM	Running	2.27.0	2021-02-14_07_46_10-8043396692416549753	northamerica-northeast1
2	pubsub0cogbk0gcs-omarismail-0215010035-b96b178	Streaming	Feb 14, 2021, 9:16:35 PM	1 hr 15 min	Feb 14, 2021, 8:00:41 PM	Canceled	2.27.0	2021-02-14_17_00_40-16130639497705473472	northamerica-northeast1
3	bigquerytotrecord-omarismail-0215013103-beba221d	Batch	Feb 14, 2021, 8:51:29 PM	20 min 18 sec	Feb 14, 2021, 8:31:11 PM	Succeeded	2.27.0	2021-02-14_17_31_10-13592187235841534836	northamerica-northeast1
4	bigquerytotrecord-omarismail-0215012341-61044cf2	Batch	Feb 14, 2021, 8:31:12 PM	7 min 23 sec	Feb 14, 2021, 8:23:49 PM	Canceled	2.27.0	2021-02-14_17_23_49-2105262916090841763	northamerica-northeast1
5	pubsub0cogbk0gcs-omarismail-0215005819-92af4c23	Streaming	Feb 14, 2021, 8:01:31 PM	3 min 7 sec	Feb 14, 2021, 7:58:24 PM	Canceled	2.27.0	2021-02-14_16_58_24-9711236972512635749	northamerica-northeast1
6	pubsub0cogbk0gcs-omarismail-0215005721-fad9413f	Streaming	Feb 14, 2021, 7:59:20 PM	1 min 55 sec	Feb 14, 2021, 7:57:25 PM	Canceled	2.27.0	2021-02-14_16_57_25-2182513820666499667	northamerica-northeast1
7	bigquerytotrecord-omarismail-0215005329-3e1f39f9	Batch	Feb 14, 2021, 7:57:54 PM	4 min 18 sec	Feb 14, 2021, 7:53:36 PM	Failed	2.27.0	2021-02-14_16_53_36-14262190441227672794	northamerica-northeast1
8	bigquerytotrecord-omarismail-0215004217-b1d544c6	Batch	Feb 14, 2021, 7:56:14 PM	13 min 50 sec	Feb 14, 2021, 7:42:24 PM	Failed	2.27.0	2021-02-14_16_42_24-14467906441042675226	northamerica-northeast1
9	bigquerytotrecord-omarismail-0215004858-57c258c1	Batch	Feb 14, 2021, 7:56:04 PM	6 min 59 sec	Feb 14, 2021, 7:49:05 PM	Failed	2.27.0	2021-02-14_16_49_04-14269673423427064621	northamerica-northeast1
10	bigquerytotrecord-omarismail-0215003539-520771af	Batch	Feb 14, 2021, 7:41:09 PM	5 min 23 sec	Feb 14, 2021, 7:35:46 PM	Failed	2.27.0	2021-02-14_16_35_46-16556880619287800299	northamerica-northeast1
11	bigquerytotrecord-omarismail-0215003203-46e663f3	Batch	Feb 14, 2021, 7:38:13 PM	6 min 3 sec	Feb 14, 2021, 7:32:10 PM	Failed	2.27.0	2021-02-14_16_32_09-8965970066123272523	northamerica-northeast1

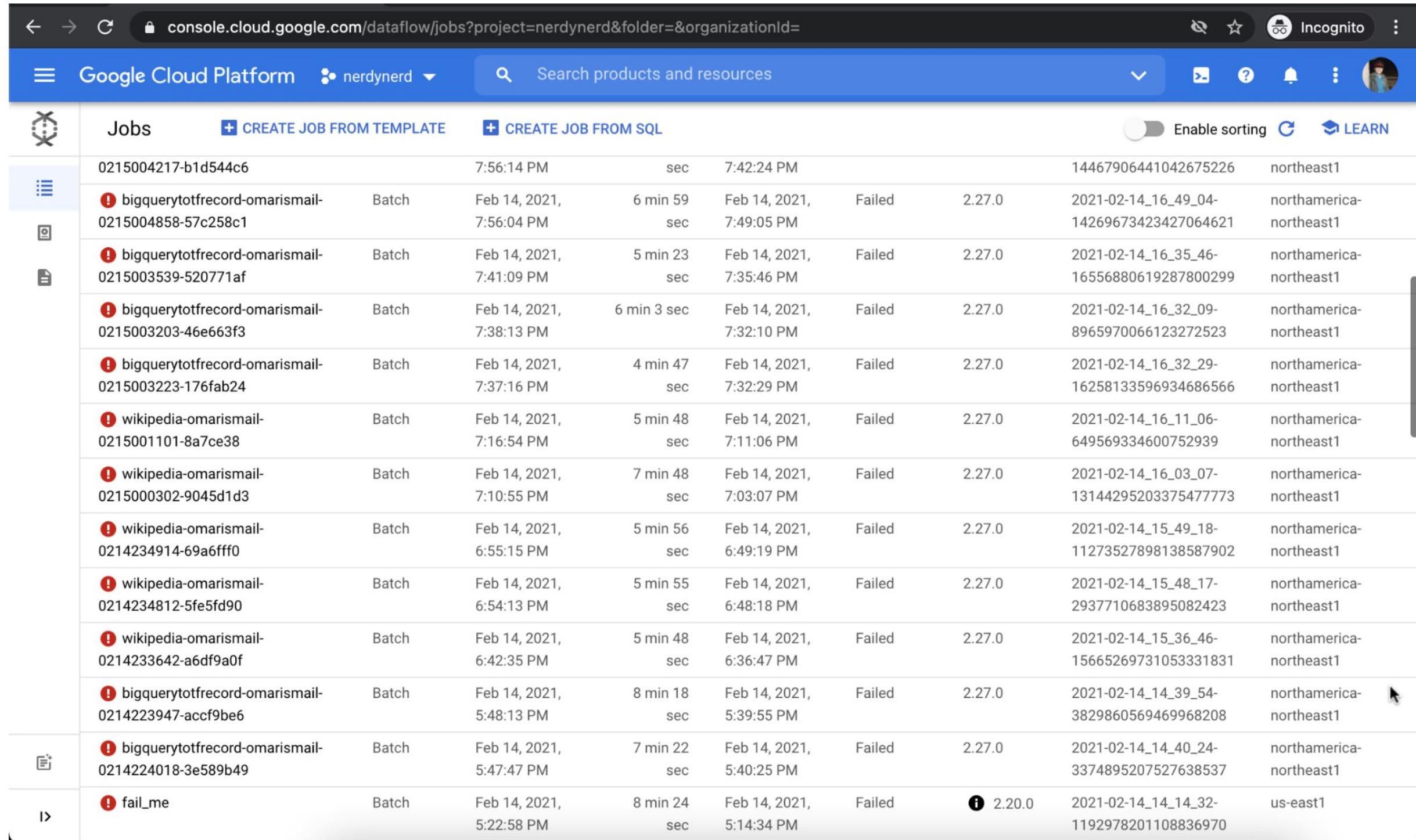
Job list



The screenshot shows a list of 15 Google Dataflow jobs. The columns include Job ID, Type, Start Time, Duration, End Time, Status, Duration (in seconds), Job Name, and Region. Most jobs are failed, indicated by a red exclamation mark icon.

Jobs	+ CREATE JOB FROM TEMPLATE	+ CREATE JOB FROM SQL	Enable sorting	LEARN
pubsub0cogbk0gcs-omarismail-0215005819-92af4c23	Streaming	Feb 14, 2021, 8:01:31 PM	3 min 7 sec	Feb 14, 2021, 7:58:24 PM
pubsub0cogbk0gcs-omarismail-0215005721-fad9413f	Streaming	Feb 14, 2021, 7:59:20 PM	1 min 55 sec	Feb 14, 2021, 7:57:25 PM
bigquerytotfrecord-omarismail-0215005329-3e1f39f9	Batch	Feb 14, 2021, 7:57:54 PM	4 min 18 sec	Feb 14, 2021, 7:53:36 PM
bigquerytotfrecord-omarismail-0215004217-b1d544c6	Batch	Feb 14, 2021, 7:56:14 PM	13 min 50 sec	Feb 14, 2021, 7:42:24 PM
bigquerytotfrecord-omarismail-0215004858-57c258c1	Batch	Feb 14, 2021, 7:56:04 PM	6 min 59 sec	Feb 14, 2021, 7:49:05 PM
bigquerytotfrecord-omarismail-0215003539-520771af	Batch	Feb 14, 2021, 7:41:09 PM	5 min 23 sec	Feb 14, 2021, 7:35:46 PM
bigquerytotfrecord-omarismail-0215003203-46e663f3	Batch	Feb 14, 2021, 7:38:13 PM	6 min 3 sec	Feb 14, 2021, 7:32:10 PM
bigquerytotfrecord-omarismail-0215003223-176fab24	Batch	Feb 14, 2021, 7:37:16 PM	4 min 47 sec	Feb 14, 2021, 7:32:29 PM
wikipedia-omarismail-0215001101-8a7ce38	Batch	Feb 14, 2021, 7:16:54 PM	5 min 48 sec	Feb 14, 2021, 7:11:06 PM
wikipedia-omarismail-0215000302-9045d1d3	Batch	Feb 14, 2021, 7:10:55 PM	7 min 48 sec	Feb 14, 2021, 7:03:07 PM
wikipedia-omarismail-0214234914-69a6fff0	Batch	Feb 14, 2021, 6:55:15 PM	5 min 56 sec	Feb 14, 2021, 6:49:19 PM
wikipedia-omarismail-0214234812-5fe5fd90	Batch	Feb 14, 2021, 6:54:13 PM	5 min 55 sec	Feb 14, 2021, 6:48:18 PM
wikipedia-omarismail-	Batch	Feb 14, 2021	5 min 48	Feb 14, 2021

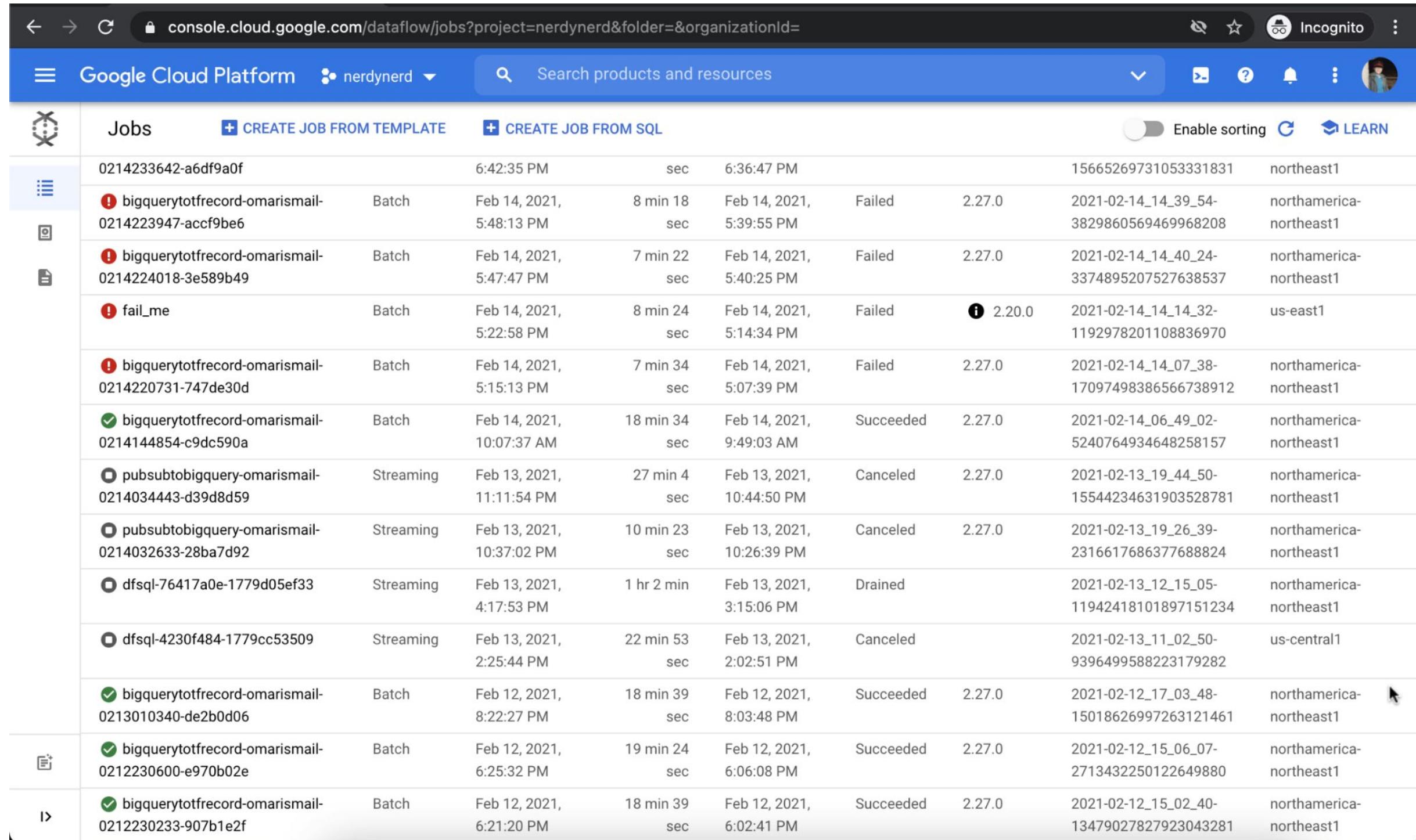
Job list



The screenshot shows a list of 15 failed Dataflow jobs from February 14, 2021, in the Google Cloud Platform Dataflow console. The jobs are listed in descending order of start time. Each job entry includes the job ID, name, type (Batch), start time, duration, end time, status, duration, and region.

Jobs	+ CREATE JOB FROM TEMPLATE	+ CREATE JOB FROM SQL	Enable sorting						LEARN
0215004217-b1d544c6		7:56:14 PM	sec	7:42:24 PM			14467906441042675226	northeast1	
! bigquerytotfrecord-omarismail-0215004858-57c258c1	Batch	Feb 14, 2021, 7:56:04 PM	6 min 59 sec	Feb 14, 2021, 7:49:05 PM	Failed	2.27.0	2021-02-14_16_49_04-14269673423427064621	northamerica-northeast1	
! bigquerytotfrecord-omarismail-0215003539-520771af	Batch	Feb 14, 2021, 7:41:09 PM	5 min 23 sec	Feb 14, 2021, 7:35:46 PM	Failed	2.27.0	2021-02-14_16_35_46-16556880619287800299	northamerica-northeast1	
! bigquerytotfrecord-omarismail-0215003203-46e663f3	Batch	Feb 14, 2021, 7:38:13 PM	6 min 3 sec	Feb 14, 2021, 7:32:10 PM	Failed	2.27.0	2021-02-14_16_32_09-8965970066123272523	northamerica-northeast1	
! bigquerytotfrecord-omarismail-0215003223-176fab24	Batch	Feb 14, 2021, 7:37:16 PM	4 min 47 sec	Feb 14, 2021, 7:32:29 PM	Failed	2.27.0	2021-02-14_16_32_29-16258133596934686566	northamerica-northeast1	
! wikipedia-omarismail-0215001101-8a7ce38	Batch	Feb 14, 2021, 7:16:54 PM	5 min 48 sec	Feb 14, 2021, 7:11:06 PM	Failed	2.27.0	2021-02-14_16_11_06-649569334600752939	northamerica-northeast1	
! wikipedia-omarismail-0215000302-9045d1d3	Batch	Feb 14, 2021, 7:10:55 PM	7 min 48 sec	Feb 14, 2021, 7:03:07 PM	Failed	2.27.0	2021-02-14_16_03_07-13144295203375477773	northamerica-northeast1	
! wikipedia-omarismail-0214234914-69a6fff0	Batch	Feb 14, 2021, 6:55:15 PM	5 min 56 sec	Feb 14, 2021, 6:49:19 PM	Failed	2.27.0	2021-02-14_15_49_18-11273527898138587902	northamerica-northeast1	
! wikipedia-omarismail-0214234812-5fe5fd90	Batch	Feb 14, 2021, 6:54:13 PM	5 min 55 sec	Feb 14, 2021, 6:48:18 PM	Failed	2.27.0	2021-02-14_15_48_17-2937710683895082423	northamerica-northeast1	
! wikipedia-omarismail-0214233642-a6df9a0f	Batch	Feb 14, 2021, 6:42:35 PM	5 min 48 sec	Feb 14, 2021, 6:36:47 PM	Failed	2.27.0	2021-02-14_15_36_46-15665269731053331831	northamerica-northeast1	
! bigquerytotfrecord-omarismail-0214223947-accf9be6	Batch	Feb 14, 2021, 5:48:13 PM	8 min 18 sec	Feb 14, 2021, 5:39:55 PM	Failed	2.27.0	2021-02-14_14_39_54-3829860569469968208	northamerica-northeast1	→
! bigquerytotfrecord-omarismail-0214224018-3e589b49	Batch	Feb 14, 2021, 5:47:47 PM	7 min 22 sec	Feb 14, 2021, 5:40:25 PM	Failed	2.27.0	2021-02-14_14_40_24-3374895207527638537	northamerica-northeast1	
! fail_me	Batch	Feb 14, 2021, 5:22:58 PM	8 min 24 sec	Feb 14, 2021, 5:14:34 PM	Failed	2.20.0	2021-02-14_14_14_32-1192978201108836970	us-east1	

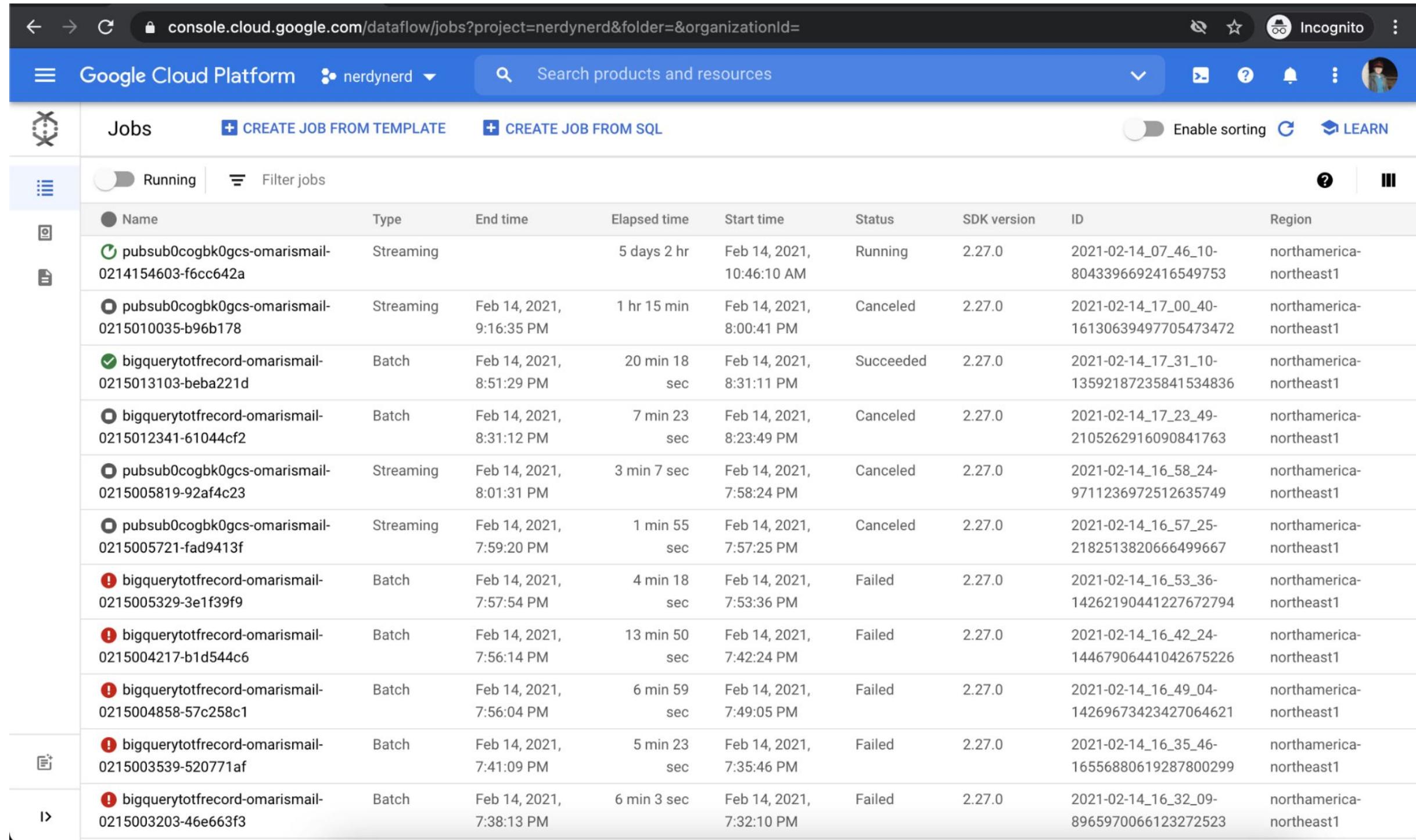
Job list



The screenshot shows a list of 15 Google Dataflow jobs in the Google Cloud Platform console. The jobs are listed in rows, with columns for job ID, status, type, start time, duration, end time, error message, version, and region. Some jobs are marked with icons indicating they are failed or succeeded.

Jobs	+ CREATE JOB FROM TEMPLATE	+ CREATE JOB FROM SQL							
								Enable sorting	LEARN
	0214233642-a6df9a0f		6:42:35 PM	sec	6:36:47 PM			15665269731053331831	northeast1
!	bigquerytotrecord-omarismail-0214223947-accf9be6	Batch	Feb 14, 2021, 5:48:13 PM	8 min 18 sec	Feb 14, 2021, 5:39:55 PM	Failed	2.27.0	2021-02-14_14_39_54-3829860569469968208	northamerica-northeast1
!	bigquerytotrecord-omarismail-0214224018-3e589b49	Batch	Feb 14, 2021, 5:47:47 PM	7 min 22 sec	Feb 14, 2021, 5:40:25 PM	Failed	2.27.0	2021-02-14_14_40_24-3374895207527638537	northamerica-northeast1
!	fail_me	Batch	Feb 14, 2021, 5:22:58 PM	8 min 24 sec	Feb 14, 2021, 5:14:34 PM	Failed	2.20.0	2021-02-14_14_14_32-1192978201108836970	us-east1
!	bigquerytotrecord-omarismail-0214220731-747de30d	Batch	Feb 14, 2021, 5:15:13 PM	7 min 34 sec	Feb 14, 2021, 5:07:39 PM	Failed	2.27.0	2021-02-14_14_07_38-17097498386566738912	northamerica-northeast1
✓	bigquerytotrecord-omarismail-0214144854-c9dc590a	Batch	Feb 14, 2021, 10:07:37 AM	18 min 34 sec	Feb 14, 2021, 9:49:03 AM	Succeeded	2.27.0	2021-02-14_06_49_02-5240764934648258157	northamerica-northeast1
▢	pubsubtobigquery-omarismail-0214034443-d39d8d59	Streaming	Feb 13, 2021, 11:11:54 PM	27 min 4 sec	Feb 13, 2021, 10:44:50 PM	Canceled	2.27.0	2021-02-13_19_44_50-15544234631903528781	northamerica-northeast1
▢	pubsubtobigquery-omarismail-0214032633-28ba7d92	Streaming	Feb 13, 2021, 10:37:02 PM	10 min 23 sec	Feb 13, 2021, 10:26:39 PM	Canceled	2.27.0	2021-02-13_19_26_39-2316617686377688824	northamerica-northeast1
▢	dfsqli-76417a0e-1779d05ef33	Streaming	Feb 13, 2021, 4:17:53 PM	1 hr 2 min	Feb 13, 2021, 3:15:06 PM	Drained		2021-02-13_12_15_05-11942418101897151234	northamerica-northeast1
▢	dfsqli-4230f484-1779cc53509	Streaming	Feb 13, 2021, 2:25:44 PM	22 min 53 sec	Feb 13, 2021, 2:02:51 PM	Canceled		2021-02-13_11_02_50-9396499588223179282	us-central1
✓	bigquerytotrecord-omarismail-0213010340-de2b0d06	Batch	Feb 12, 2021, 8:22:27 PM	18 min 39 sec	Feb 12, 2021, 8:03:48 PM	Succeeded	2.27.0	2021-02-12_17_03_48-15018626997263121461	northamerica-northeast1
✓	bigquerytotrecord-omarismail-0212230600-e970b02e	Batch	Feb 12, 2021, 6:25:32 PM	19 min 24 sec	Feb 12, 2021, 6:06:08 PM	Succeeded	2.27.0	2021-02-12_15_06_07-2713432250122649880	northamerica-northeast1
✓	bigquerytotrecord-omarismail-0212230233-907b1e2f	Batch	Feb 12, 2021, 6:21:20 PM	18 min 39 sec	Feb 12, 2021, 6:02:41 PM	Succeeded	2.27.0	2021-02-12_15_02_40-13479027827923043281	northamerica-northeast1

Job list



The screenshot shows the Google Cloud Platform Dataflow job list interface. The URL in the browser is `console.cloud.google.com/dataflow/jobs?project=nerdynerd&folder=&organizationId=`. The page title is "Google Cloud Platform". The main content area displays a table of jobs, with the first few rows highlighted in light blue.

Jobs

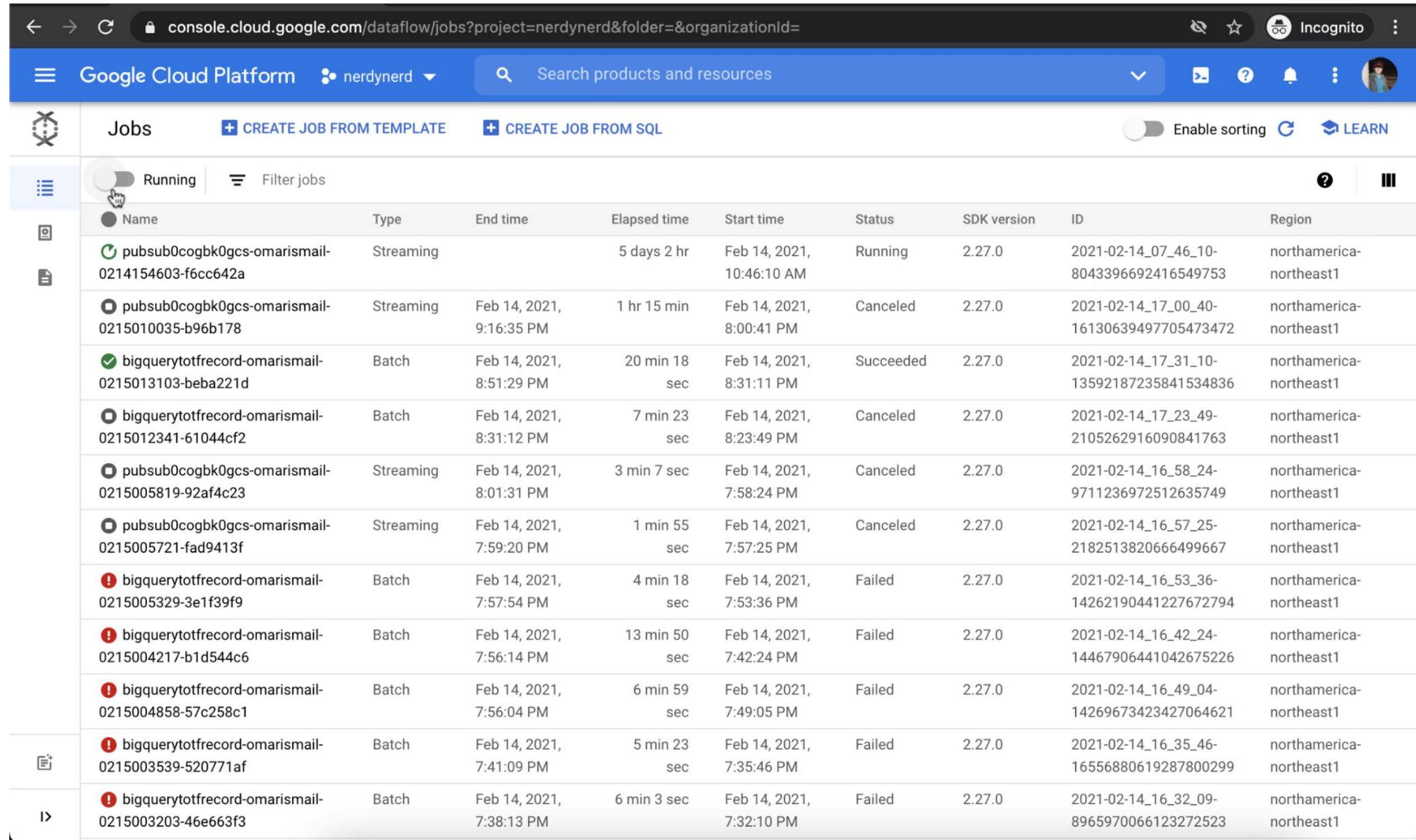
CREATE JOB FROM TEMPLATE **CREATE JOB FROM SQL**

Enable sorting **LEARN**

Running **Filter jobs**

Name	Type	End time	Elapsed time	Start time	Status	SDK version	ID	Region
pubsub0cogbk0gcs-omarismail-0214154603-f6cc642a	Streaming		5 days 2 hr	Feb 14, 2021, 10:46:10 AM	Running	2.27.0	2021-02-14_07_46_10-8043396692416549753	northamerica-northeast1
pubsub0cogbk0gcs-omarismail-0215010035-b96b178	Streaming	Feb 14, 2021, 9:16:35 PM	1 hr 15 min	Feb 14, 2021, 8:00:41 PM	Canceled	2.27.0	2021-02-14_17_00_40-16130639497705473472	northamerica-northeast1
bigquerytotfrecord-omarismail-0215013103-beba221d	Batch	Feb 14, 2021, 8:51:29 PM	20 min 18 sec	Feb 14, 2021, 8:31:11 PM	Succeeded	2.27.0	2021-02-14_17_31_10-13592187235841534836	northamerica-northeast1
bigquerytotfrecord-omarismail-0215012341-61044cf2	Batch	Feb 14, 2021, 8:31:12 PM	7 min 23 sec	Feb 14, 2021, 8:23:49 PM	Canceled	2.27.0	2021-02-14_17_23_49-2105262916090841763	northamerica-northeast1
pubsub0cogbk0gcs-omarismail-0215005819-92af4c23	Streaming	Feb 14, 2021, 8:01:31 PM	3 min 7 sec	Feb 14, 2021, 7:58:24 PM	Canceled	2.27.0	2021-02-14_16_58_24-9711236972512635749	northamerica-northeast1
pubsub0cogbk0gcs-omarismail-0215005721-fad9413f	Streaming	Feb 14, 2021, 7:59:20 PM	1 min 55 sec	Feb 14, 2021, 7:57:25 PM	Canceled	2.27.0	2021-02-14_16_57_25-2182513820666499667	northamerica-northeast1
bigquerytotfrecord-omarismail-0215005329-3e1f39f9	Batch	Feb 14, 2021, 7:57:54 PM	4 min 18 sec	Feb 14, 2021, 7:53:36 PM	Failed	2.27.0	2021-02-14_16_53_36-14262190441227672794	northamerica-northeast1
bigquerytotfrecord-omarismail-0215004217-b1d544c6	Batch	Feb 14, 2021, 7:56:14 PM	13 min 50 sec	Feb 14, 2021, 7:42:24 PM	Failed	2.27.0	2021-02-14_16_42_24-14467906441042675226	northamerica-northeast1
bigquerytotfrecord-omarismail-0215004858-57c258c1	Batch	Feb 14, 2021, 7:56:04 PM	6 min 59 sec	Feb 14, 2021, 7:49:05 PM	Failed	2.27.0	2021-02-14_16_49_04-14269673423427064621	northamerica-northeast1
bigquerytotfrecord-omarismail-0215003539-520771af	Batch	Feb 14, 2021, 7:41:09 PM	5 min 23 sec	Feb 14, 2021, 7:35:46 PM	Failed	2.27.0	2021-02-14_16_35_46-16556880619287800299	northamerica-northeast1
bigquerytotfrecord-omarismail-0215003203-46e663f3	Batch	Feb 14, 2021, 7:38:13 PM	6 min 3 sec	Feb 14, 2021, 7:32:10 PM	Failed	2.27.0	2021-02-14_16_32_09-8965970066123272523	northamerica-northeast1

Job list

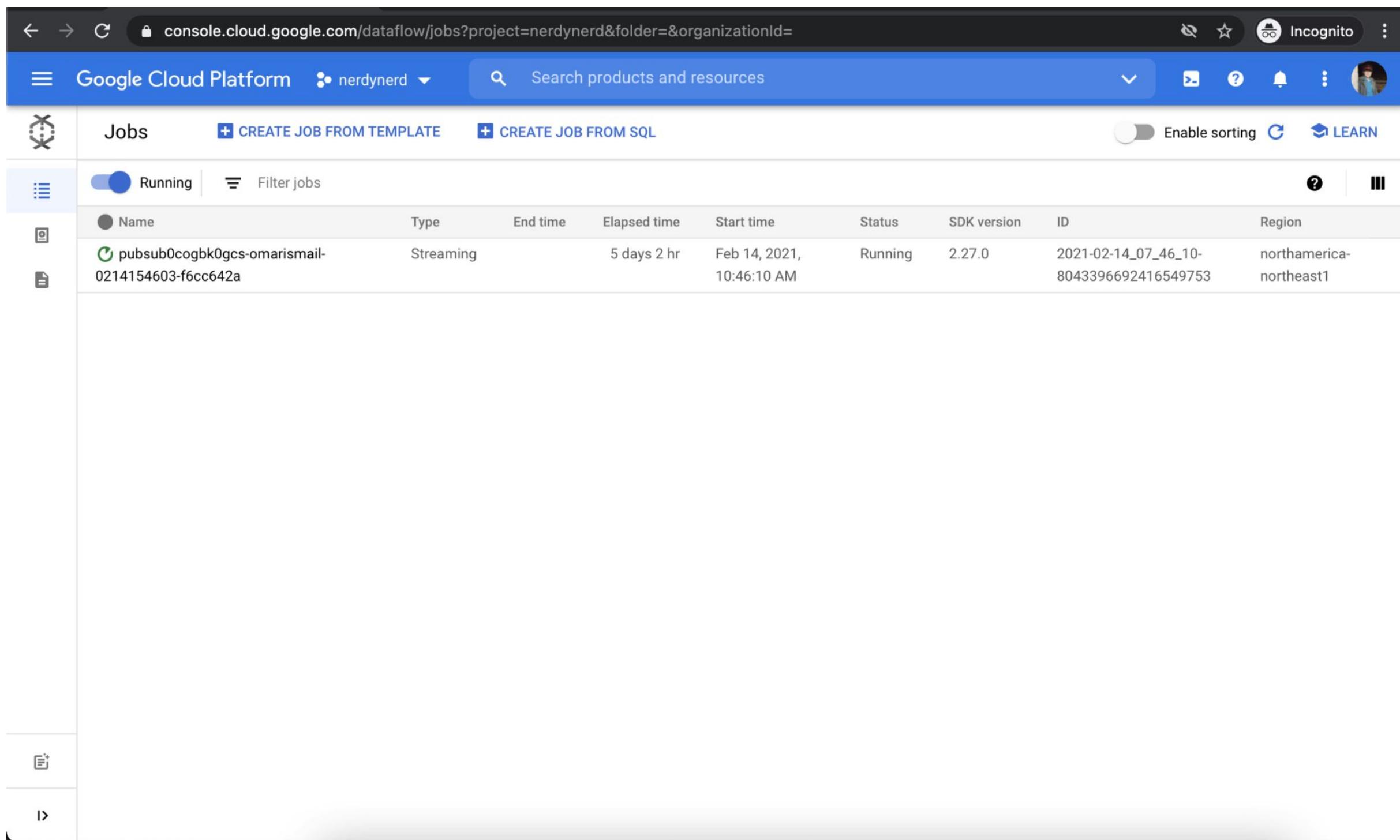


The screenshot shows the Google Cloud Platform Dataflow job list interface. The URL in the browser is `console.cloud.google.com/dataflow/jobs?project=nerdynerd&folder=&organizationId=`. The page title is "Google Cloud Platform". The search bar contains "Search products and resources". The main header includes "Jobs", "+ CREATE JOB FROM TEMPLATE", "+ CREATE JOB FROM SQL", a sorting toggle, and a "LEARN" button.

The table lists 12 jobs:

	Name	Type	End time	Elapsed time	Start time	Status	SDK version	ID	Region
	pubsub0cogbk0gcs-omarismail-0214154603-f6cc642a	Streaming		5 days 2 hr	Feb 14, 2021, 10:46:10 AM	Running	2.27.0	2021-02-14_07_46_10-8043396692416549753	northamerica-northeast1
	pubsub0cogbk0gcs-omarismail-0215010035-b96b178	Streaming	Feb 14, 2021, 9:16:35 PM	1 hr 15 min	Feb 14, 2021, 8:00:41 PM	Canceled	2.27.0	2021-02-14_17_00_40-16130639497705473472	northamerica-northeast1
	bigquerytotfrecord-omarismail-0215013103-beba221d	Batch	Feb 14, 2021, 8:51:29 PM	20 min 18 sec	Feb 14, 2021, 8:31:11 PM	Succeeded	2.27.0	2021-02-14_17_31_10-13592187235841534836	northamerica-northeast1
	bigquerytotfrecord-omarismail-0215012341-61044cf2	Batch	Feb 14, 2021, 8:31:12 PM	7 min 23 sec	Feb 14, 2021, 8:23:49 PM	Canceled	2.27.0	2021-02-14_17_23_49-2105262916090841763	northamerica-northeast1
	pubsub0cogbk0gcs-omarismail-0215005819-92af4c23	Streaming	Feb 14, 2021, 8:01:31 PM	3 min 7 sec	Feb 14, 2021, 7:58:24 PM	Canceled	2.27.0	2021-02-14_16_58_24-9711236972512635749	northamerica-northeast1
	pubsub0cogbk0gcs-omarismail-0215005721-fad9413f	Streaming	Feb 14, 2021, 7:59:20 PM	1 min 55 sec	Feb 14, 2021, 7:57:25 PM	Canceled	2.27.0	2021-02-14_16_57_25-2182513820666499667	northamerica-northeast1
	bigquerytotfrecord-omarismail-0215005329-3e1f39f9	Batch	Feb 14, 2021, 7:57:54 PM	4 min 18 sec	Feb 14, 2021, 7:53:36 PM	Failed	2.27.0	2021-02-14_16_53_36-14262190441227672794	northamerica-northeast1
	bigquerytotfrecord-omarismail-0215004217-b1d544c6	Batch	Feb 14, 2021, 7:56:14 PM	13 min 50 sec	Feb 14, 2021, 7:42:24 PM	Failed	2.27.0	2021-02-14_16_42_24-14467906441042675226	northamerica-northeast1
	bigquerytotfrecord-omarismail-0215004858-57c258c1	Batch	Feb 14, 2021, 7:56:04 PM	6 min 59 sec	Feb 14, 2021, 7:49:05 PM	Failed	2.27.0	2021-02-14_16_49_04-14269673423427064621	northamerica-northeast1
	bigquerytotfrecord-omarismail-0215003539-520771af	Batch	Feb 14, 2021, 7:41:09 PM	5 min 23 sec	Feb 14, 2021, 7:35:46 PM	Failed	2.27.0	2021-02-14_16_35_46-16556880619287800299	northamerica-northeast1
	bigquerytotfrecord-omarismail-0215003203-46e663f3	Batch	Feb 14, 2021, 7:38:13 PM	6 min 3 sec	Feb 14, 2021, 7:32:10 PM	Failed	2.27.0	2021-02-14_16_32_09-8965970066123272523	northamerica-northeast1

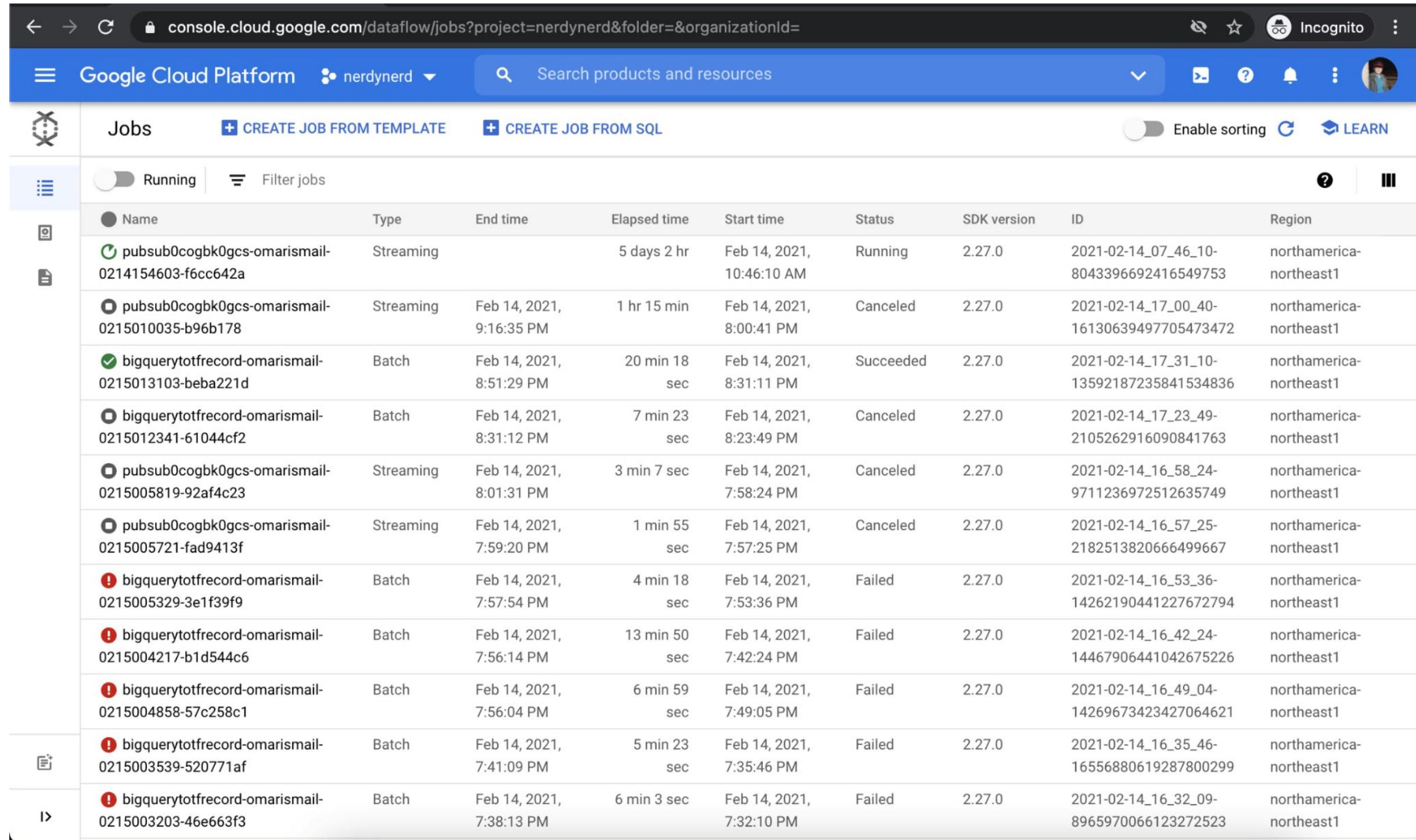
Job list



The screenshot shows the Google Cloud Platform Dataflow Job list interface. The URL in the browser is `console.cloud.google.com/dataflow/jobs?project=nerdynerd&folder=&organizationId=`. The page title is "Google Cloud Platform". The main content area displays a table of running jobs. The table has columns for Name, Type, End time, Elapsed time, Start time, Status, SDK version, ID, and Region. One job is listed:

Name	Type	End time	Elapsed time	Start time	Status	SDK version	ID	Region
pubsub0cogbk0gcs-omarismail-0214154603-f6cc642a	Streaming		5 days 2 hr	Feb 14, 2021, 10:46:10 AM	Running	2.27.0	2021-02-14_07_46_10-8043396692416549753	northamerica-northeast1

Job list

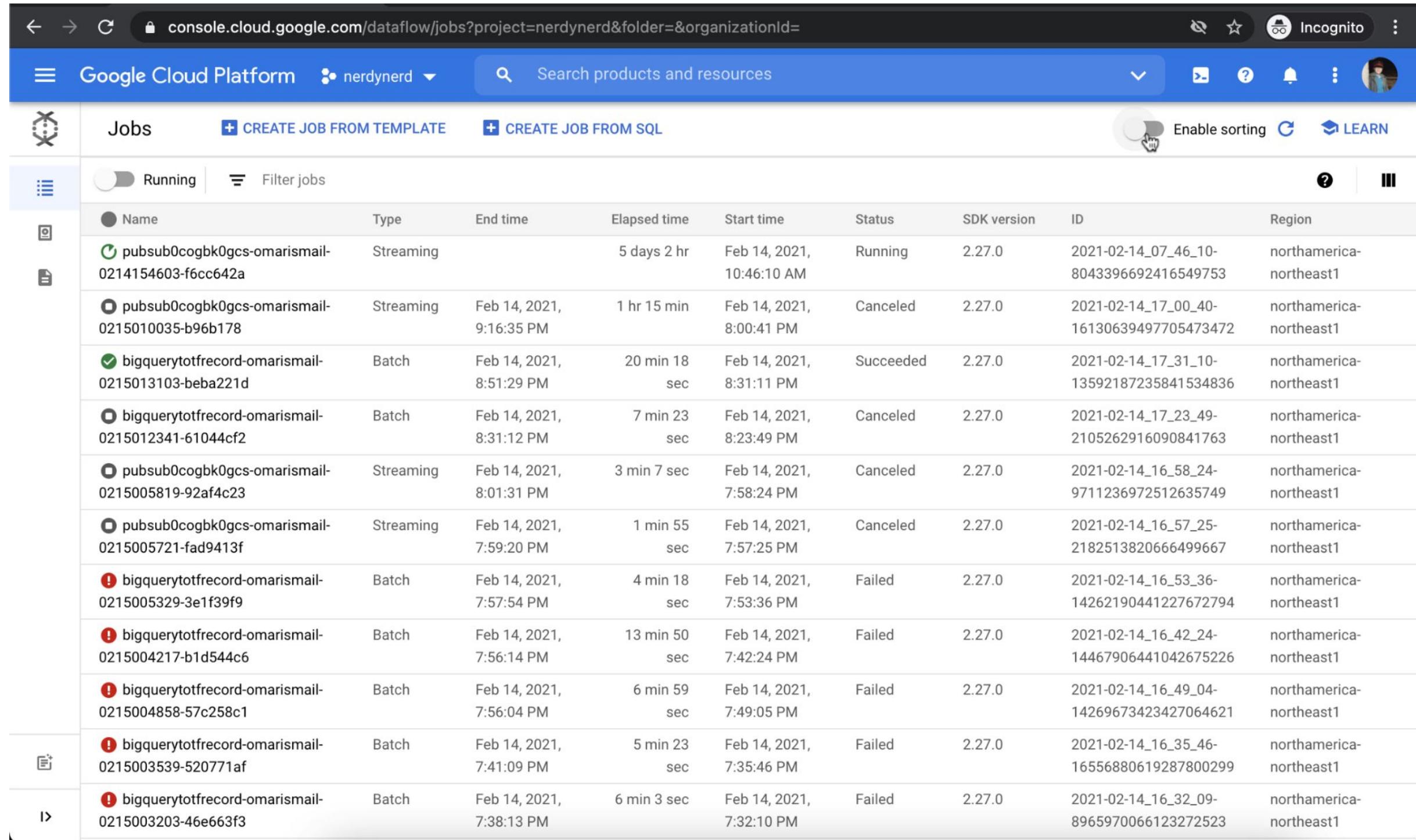


The screenshot shows the Google Cloud Platform Dataflow Job list interface. The URL in the browser is `console.cloud.google.com/dataflow/jobs?project=nerdynerd&folder=&organizationId=`. The page title is "Google Cloud Platform" and the project is "nerdynerd". A search bar at the top right contains the placeholder "Search products and resources". Below the header, there are two buttons: "+ CREATE JOB FROM TEMPLATE" and "+ CREATE JOB FROM SQL". To the right of these buttons are "Enable sorting" and "LEARN" buttons.

The main area displays a table of jobs. The columns are: Name, Type, End time, Elapsed time, Start time, Status, SDK version, ID, and Region. The table lists 12 jobs, each with a status indicator (green for running, grey for canceled, red for failed) and a link to the job details page. The jobs are categorized by icon on the left: three green icons for streaming jobs, one grey icon for a batch job, and eight red icons for failed batch jobs. The first job is a streaming job named `pubsub0cogbk0gcs-omarismail-0214154603-f6cc642a`, which is currently running. The second job is a streaming job named `pubsub0cogbk0gcs-omarismail-0215010035-b96b178`, which is canceled. The third job is a batch job named `bigquerytotfrecord-omarismail-0215013103-beba221d`, which succeeded. The fourth job is a batch job named `bigquerytotfrecord-omarismail-0215012341-61044cf2`, which is canceled. The fifth job is a streaming job named `pubsub0cogbk0gcs-omarismail-0215005819-92af4c23`, which is canceled. The sixth job is a streaming job named `pubsub0cogbk0gcs-omarismail-0215005721-fad9413f`, which is canceled. The seventh job is a batch job named `bigquerytotfrecord-omarismail-0215005329-3e1f39f9`, which failed. The eighth job is a batch job named `bigquerytotfrecord-omarismail-0215004217-b1d544c6`, which failed. The ninth job is a batch job named `bigquerytotfrecord-omarismail-0215004858-57c258c1`, which failed. The tenth job is a batch job named `bigquerytotfrecord-omarismail-0215003539-520771af`, which failed. The eleventh job is a batch job named `bigquerytotfrecord-omarismail-0215003203-46e663f3`, which failed.

	Name	Type	End time	Elapsed time	Start time	Status	SDK version	ID	Region
	<code>pubsub0cogbk0gcs-omarismail-0214154603-f6cc642a</code>	Streaming		5 days 2 hr	Feb 14, 2021, 10:46:10 AM	Running	2.27.0	2021-02-14_07_46_10-8043396692416549753	northamerica-northeast1
	<code>pubsub0cogbk0gcs-omarismail-0215010035-b96b178</code>	Streaming	Feb 14, 2021, 9:16:35 PM	1 hr 15 min	Feb 14, 2021, 8:00:41 PM	Canceled	2.27.0	2021-02-14_17_00_40-16130639497705473472	northamerica-northeast1
	<code>bigquerytotfrecord-omarismail-0215013103-beba221d</code>	Batch	Feb 14, 2021, 8:51:29 PM	20 min 18 sec	Feb 14, 2021, 8:31:11 PM	Succeeded	2.27.0	2021-02-14_17_31_10-13592187235841534836	northamerica-northeast1
	<code>bigquerytotfrecord-omarismail-0215012341-61044cf2</code>	Batch	Feb 14, 2021, 8:31:12 PM	7 min 23 sec	Feb 14, 2021, 8:23:49 PM	Canceled	2.27.0	2021-02-14_17_23_49-2105262916090841763	northamerica-northeast1
	<code>pubsub0cogbk0gcs-omarismail-0215005819-92af4c23</code>	Streaming	Feb 14, 2021, 8:01:31 PM	3 min 7 sec	Feb 14, 2021, 7:58:24 PM	Canceled	2.27.0	2021-02-14_16_58_24-9711236972512635749	northamerica-northeast1
	<code>pubsub0cogbk0gcs-omarismail-0215005721-fad9413f</code>	Streaming	Feb 14, 2021, 7:59:20 PM	1 min 55 sec	Feb 14, 2021, 7:57:25 PM	Canceled	2.27.0	2021-02-14_16_57_25-2182513820666499667	northamerica-northeast1
	<code>bigquerytotfrecord-omarismail-0215005329-3e1f39f9</code>	Batch	Feb 14, 2021, 7:57:54 PM	4 min 18 sec	Feb 14, 2021, 7:53:36 PM	Failed	2.27.0	2021-02-14_16_53_36-14262190441227672794	northamerica-northeast1
	<code>bigquerytotfrecord-omarismail-0215004217-b1d544c6</code>	Batch	Feb 14, 2021, 7:56:14 PM	13 min 50 sec	Feb 14, 2021, 7:42:24 PM	Failed	2.27.0	2021-02-14_16_42_24-14467906441042675226	northamerica-northeast1
	<code>bigquerytotfrecord-omarismail-0215004858-57c258c1</code>	Batch	Feb 14, 2021, 7:56:04 PM	6 min 59 sec	Feb 14, 2021, 7:49:05 PM	Failed	2.27.0	2021-02-14_16_49_04-14269673423427064621	northamerica-northeast1
	<code>bigquerytotfrecord-omarismail-0215003539-520771af</code>	Batch	Feb 14, 2021, 7:41:09 PM	5 min 23 sec	Feb 14, 2021, 7:35:46 PM	Failed	2.27.0	2021-02-14_16_35_46-16556880619287800299	northamerica-northeast1
	<code>bigquerytotfrecord-omarismail-0215003203-46e663f3</code>	Batch	Feb 14, 2021, 7:38:13 PM	6 min 3 sec	Feb 14, 2021, 7:32:10 PM	Failed	2.27.0	2021-02-14_16_32_09-8965970066123272523	northamerica-northeast1

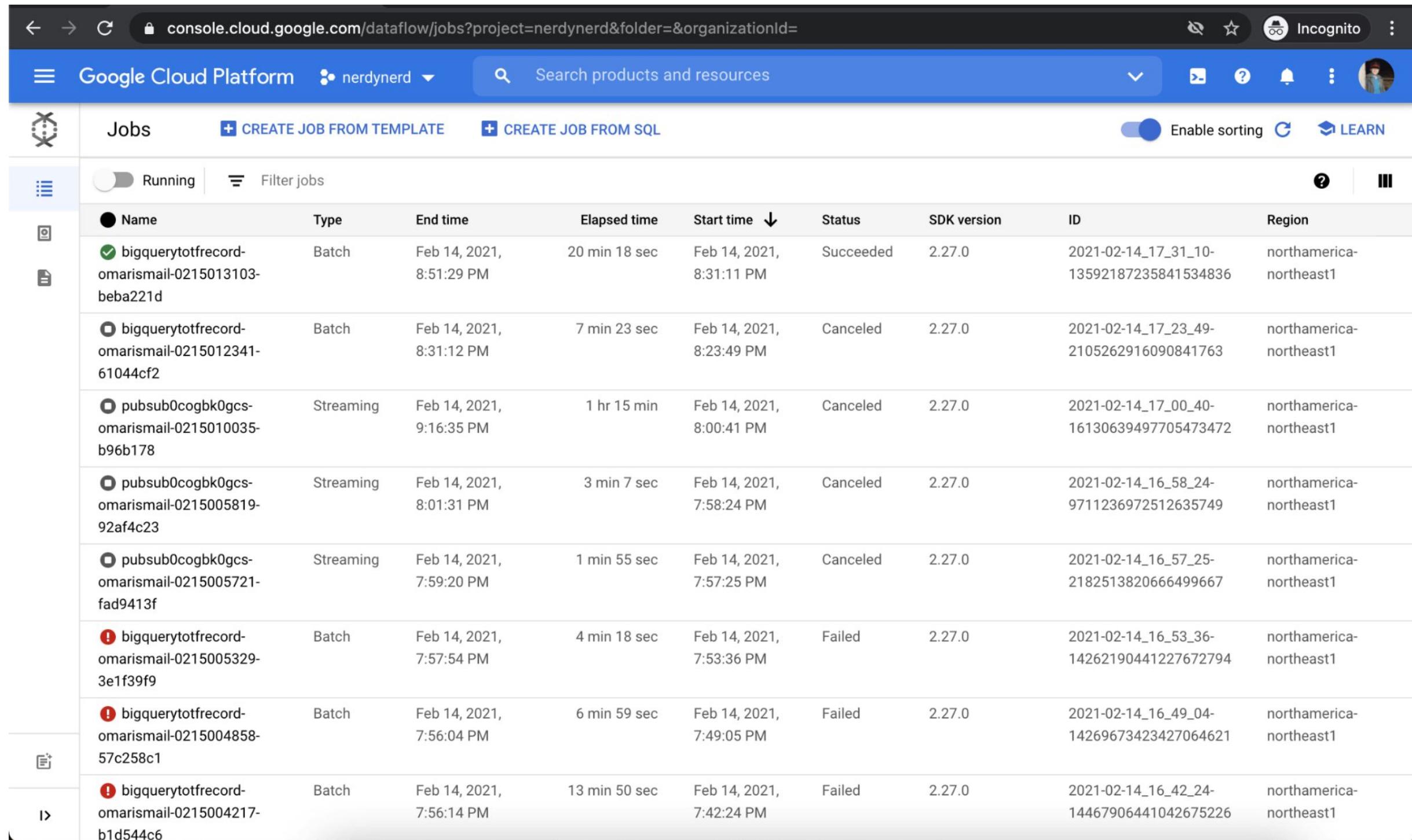
Job list



The screenshot shows the Google Cloud Platform Dataflow job list interface. The URL in the browser is `console.cloud.google.com/dataflow/jobs?project=nerdynerd&folder=&organizationId=`. The page title is "Google Cloud Platform". The search bar contains "Search products and resources". The main header includes "Jobs", "+ CREATE JOB FROM TEMPLATE", "+ CREATE JOB FROM SQL", "Enable sorting" (with a hand cursor icon), and "LEARN". On the left, there are sidebar icons for "Running", "Filter jobs", "New", "Recent", "Cloud Storage", "Pub/Sub", "BigQuery", "Cloud Pub/Sub", "Cloud Dataflow", and "Cloud Functions". The main table lists 12 jobs:

Name	Type	End time	Elapsed time	Start time	Status	SDK version	ID	Region
pubsub0cogbk0gcs-omarismail-0214154603-f6cc642a	Streaming		5 days 2 hr	Feb 14, 2021, 10:46:10 AM	Running	2.27.0	2021-02-14_07_46_10-8043396692416549753	northamerica-northeast1
pubsub0cogbk0gcs-omarismail-0215010035-b96b178	Streaming	Feb 14, 2021, 9:16:35 PM	1 hr 15 min	Feb 14, 2021, 8:00:41 PM	Canceled	2.27.0	2021-02-14_17_00_40-16130639497705473472	northamerica-northeast1
bigquerytotfrecord-omarismail-0215013103-beba221d	Batch	Feb 14, 2021, 8:51:29 PM	20 min 18 sec	Feb 14, 2021, 8:31:11 PM	Succeeded	2.27.0	2021-02-14_17_31_10-13592187235841534836	northamerica-northeast1
bigquerytotfrecord-omarismail-0215012341-61044cf2	Batch	Feb 14, 2021, 8:31:12 PM	7 min 23 sec	Feb 14, 2021, 8:23:49 PM	Canceled	2.27.0	2021-02-14_17_23_49-2105262916090841763	northamerica-northeast1
pubsub0cogbk0gcs-omarismail-0215005819-92af4c23	Streaming	Feb 14, 2021, 8:01:31 PM	3 min 7 sec	Feb 14, 2021, 7:58:24 PM	Canceled	2.27.0	2021-02-14_16_58_24-9711236972512635749	northamerica-northeast1
pubsub0cogbk0gcs-omarismail-0215005721-fad9413f	Streaming	Feb 14, 2021, 7:59:20 PM	1 min 55 sec	Feb 14, 2021, 7:57:25 PM	Canceled	2.27.0	2021-02-14_16_57_25-2182513820666499667	northamerica-northeast1
bigquerytotfrecord-omarismail-0215005329-3e1f39f9	Batch	Feb 14, 2021, 7:57:54 PM	4 min 18 sec	Feb 14, 2021, 7:53:36 PM	Failed	2.27.0	2021-02-14_16_53_36-14262190441227672794	northamerica-northeast1
bigquerytotfrecord-omarismail-0215004217-b1d544c6	Batch	Feb 14, 2021, 7:56:14 PM	13 min 50 sec	Feb 14, 2021, 7:42:24 PM	Failed	2.27.0	2021-02-14_16_42_24-14467906441042675226	northamerica-northeast1
bigquerytotfrecord-omarismail-0215004858-57c258c1	Batch	Feb 14, 2021, 7:56:04 PM	6 min 59 sec	Feb 14, 2021, 7:49:05 PM	Failed	2.27.0	2021-02-14_16_49_04-14269673423427064621	northamerica-northeast1
bigquerytotfrecord-omarismail-0215003539-520771af	Batch	Feb 14, 2021, 7:41:09 PM	5 min 23 sec	Feb 14, 2021, 7:35:46 PM	Failed	2.27.0	2021-02-14_16_35_46-16556880619287800299	northamerica-northeast1
bigquerytotfrecord-omarismail-0215003203-46e663f3	Batch	Feb 14, 2021, 7:38:13 PM	6 min 3 sec	Feb 14, 2021, 7:32:10 PM	Failed	2.27.0	2021-02-14_16_32_09-8965970066123272523	northamerica-northeast1

Job list



The screenshot shows the Google Cloud Platform Dataflow Job list interface. The URL in the browser is `console.cloud.google.com/dataflow/jobs?project=nerdynerd&folder=&organizationId=`. The page title is "Google Cloud Platform". The main content is a table listing various jobs, with columns for Name, Type, End time, Elapsed time, Start time, Status, SDK version, ID, and Region.

	Name	Type	End time	Elapsed time	Start time	Status	SDK version	ID	Region
1	bigquerytotfrecord-omarismail-0215013103-beba221d	Batch	Feb 14, 2021, 8:51:29 PM	20 min 18 sec	Feb 14, 2021, 8:31:11 PM	Succeeded	2.27.0	2021-02-14_17_31_10-13592187235841534836	northamerica-northeast1
2	bigquerytotfrecord-omarismail-0215012341-61044cf2	Batch	Feb 14, 2021, 8:31:12 PM	7 min 23 sec	Feb 14, 2021, 8:23:49 PM	Canceled	2.27.0	2021-02-14_17_23_49-2105262916090841763	northamerica-northeast1
3	pubsub0cogbk0gcs-omarismail-0215010035-b96b178	Streaming	Feb 14, 2021, 9:16:35 PM	1 hr 15 min	Feb 14, 2021, 8:00:41 PM	Canceled	2.27.0	2021-02-14_17_00_40-16130639497705473472	northamerica-northeast1
4	pubsub0cogbk0gcs-omarismail-0215005819-92af4c23	Streaming	Feb 14, 2021, 8:01:31 PM	3 min 7 sec	Feb 14, 2021, 7:58:24 PM	Canceled	2.27.0	2021-02-14_16_58_24-9711236972512635749	northamerica-northeast1
5	pubsub0cogbk0gcs-omarismail-0215005721-fad9413f	Streaming	Feb 14, 2021, 7:59:20 PM	1 min 55 sec	Feb 14, 2021, 7:57:25 PM	Canceled	2.27.0	2021-02-14_16_57_25-2182513820666499667	northamerica-northeast1
6	bigquerytotfrecord-omarismail-0215005329-3e1f39f9	Batch	Feb 14, 2021, 7:57:54 PM	4 min 18 sec	Feb 14, 2021, 7:53:36 PM	Failed	2.27.0	2021-02-14_16_53_36-14262190441227672794	northamerica-northeast1
7	bigquerytotfrecord-omarismail-0215004858-57c258c1	Batch	Feb 14, 2021, 7:56:04 PM	6 min 59 sec	Feb 14, 2021, 7:49:05 PM	Failed	2.27.0	2021-02-14_16_49_04-14269673423427064621	northamerica-northeast1
8	bigquerytotfrecord-omarismail-0215004217-b1d544c6	Batch	Feb 14, 2021, 7:56:14 PM	13 min 50 sec	Feb 14, 2021, 7:42:24 PM	Failed	2.27.0	2021-02-14_16_42_24-14467906441042675226	northamerica-northeast1

Job list

The screenshot shows the Google Cloud Platform Dataflow Jobs page. The URL in the browser is `console.cloud.google.com/dataflow/jobs?project=nerdynerd&folder=&organizationId=`. The page title is "Google Cloud Platform" and the project is "nerdynerd". A search bar at the top right contains the placeholder "Search products and resources". On the left, there's a sidebar with icons for Home, Projects, Data, Functions, and Dataflow. The main content area is titled "Jobs" and includes buttons for "+ CREATE JOB FROM TEMPLATE" and "+ CREATE JOB FROM SQL". A toggle switch "Enable sorting" is turned on, and a "LEARN" button is present. The table lists the following data:

Name	Type	End time	Elapsed time	Start time	Status	SDK version	ID	Region
bigquerytotfrecord-omarismail-0215013103-beba221d	Batch	Feb 14, 2021, 8:51:29 PM	20 min 18 sec	Feb 14, 2021, 8:31:11 PM	Succeeded	2.27.0	2021-02-14_17_31_10-13592187235841534836	northamerica-northeast1
bigquerytotfrecord-omarismail-0215012341-61044cf2	Batch	Feb 14, 2021, 8:31:12 PM	7 min 23 sec	Feb 14, 2021, 8:23:49 PM	Canceled	2.27.0	2021-02-14_17_23_49-2105262916090841763	northamerica-northeast1
pubsub0cogbk0gcs-omarismail-0215010035-b96b178	Streaming	Feb 14, 2021, 9:16:35 PM	1 hr 15 min	Feb 14, 2021, 8:00:41 PM	Canceled	2.27.0	2021-02-14_17_00_40-16130639497705473472	northamerica-northeast1
pubsub0cogbk0gcs-omarismail-0215005819-92af4c23	Streaming	Feb 14, 2021, 8:01:31 PM	3 min 7 sec	Feb 14, 2021, 7:58:24 PM	Canceled	2.27.0	2021-02-14_16_58_24-9711236972512635749	northamerica-northeast1
pubsub0cogbk0gcs-omarismail-0215005721-fad9413f	Streaming	Feb 14, 2021, 7:59:20 PM	1 min 55 sec	Feb 14, 2021, 7:57:25 PM	Canceled	2.27.0	2021-02-14_16_57_25-2182513820666499667	northamerica-northeast1
bigquerytotfrecord-omarismail-0215005329-3e1f39f9	Batch	Feb 14, 2021, 7:57:54 PM	4 min 18 sec	Feb 14, 2021, 7:53:36 PM	Failed	2.27.0	2021-02-14_16_53_36-14262190441227672794	northamerica-northeast1
bigquerytotfrecord-omarismail-0215004858-57c258c1	Batch	Feb 14, 2021, 7:56:04 PM	6 min 59 sec	Feb 14, 2021, 7:49:05 PM	Failed	2.27.0	2021-02-14_16_49_04-14269673423427064621	northamerica-northeast1
bigquerytotfrecord-omarismail-0215004217-b1d544c6	Batch	Feb 14, 2021, 7:56:14 PM	13 min 50 sec	Feb 14, 2021, 7:42:24 PM	Failed	2.27.0	2021-02-14_16_42_24-14467906441042675226	northamerica-northeast1

Job list

The screenshot shows the Google Cloud Platform Dataflow Jobs page. The URL in the browser is `console.cloud.google.com/dataflow/jobs?project=nerdynerd&folder=&organizationId=`. The page title is "Jobs". There are two buttons at the top: "+ CREATE JOB FROM TEMPLATE" and "+ CREATE JOB FROM SQL". A blue toggle switch on the right is set to "Enable sorting" with an upward arrow icon. Below the table, there are icons for "Running" and "Filter jobs".

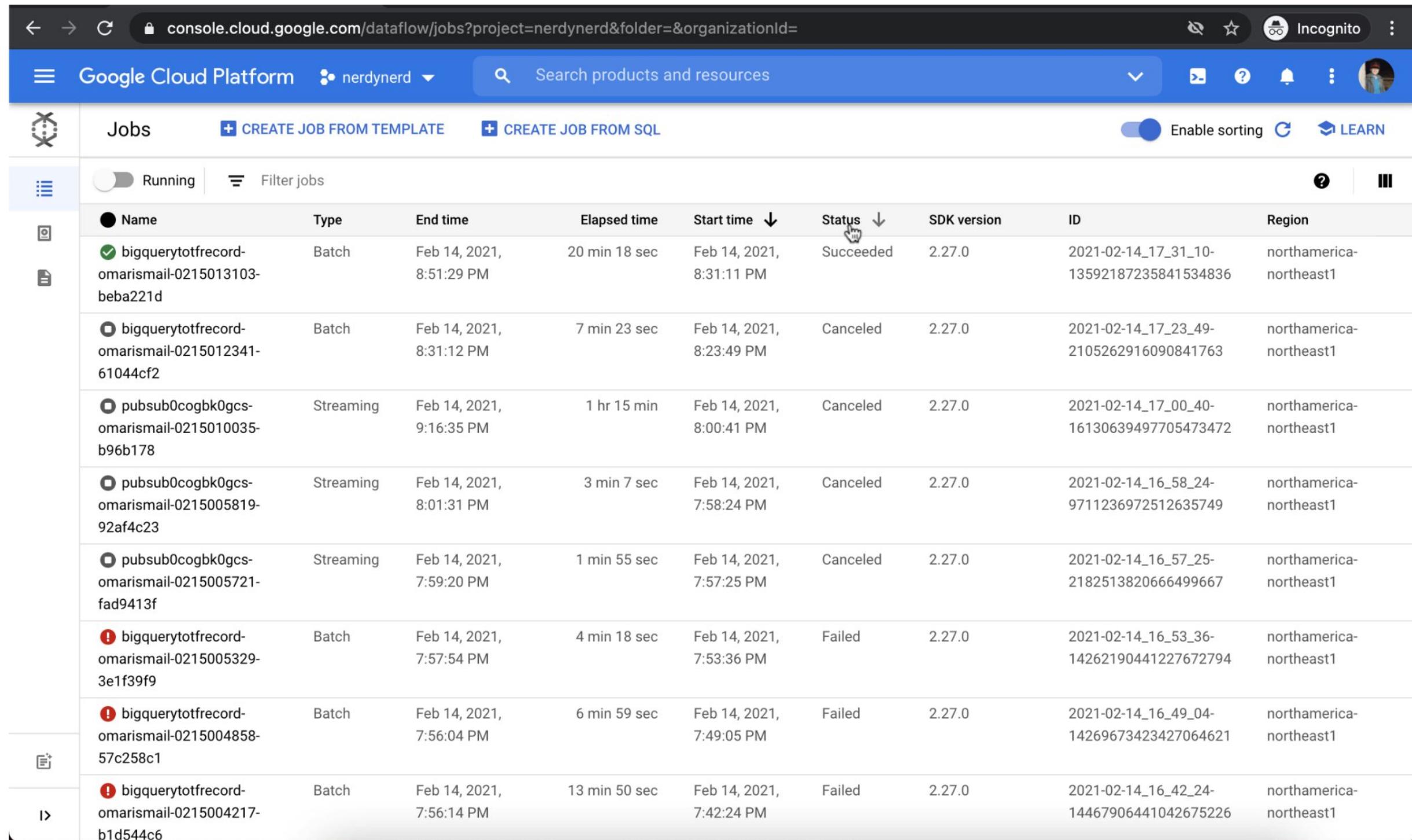
Name	Type	End time	Elapsed time	Start time	Status	SDK version	ID	Region
wordcount-omarismail-0205235451-f97b7f61	Batch	Feb 5, 2021, 6:59:35 PM	3 min 7 sec	Feb 5, 2021, 6:56:28 PM	Succeeded	2.27.0	2021-02-05_15_56_25-3199454874011962679	us-central1
wordcount-omarismail-0206000023-4676570b	Batch	Feb 5, 2021, 7:05:17 PM	2 min 53 sec	Feb 5, 2021, 7:02:24 PM	Succeeded	2.27.0	2021-02-05_16_02_23-1161624787558468330	us-central1
beamapp-omarismail-0206000610-438304	Batch	Feb 5, 2021, 7:10:34 PM	4 min 14 sec	Feb 5, 2021, 7:06:20 PM	Succeeded	2.25.0	2021-02-05_16_06_19-16061081285195208007	us-central1
beamapp-omarismail-0206001559-932690	Batch	Feb 5, 2021, 7:21:25 PM	5 min 15 sec	Feb 5, 2021, 7:16:10 PM	Succeeded	2.25.0	2021-02-05_16_16_08-14889950117378941514	us-central1
wordcount-omarismail-0206002105-8007121c	Batch	Feb 5, 2021, 7:24:01 PM	2 min 49 sec	Feb 5, 2021, 7:21:12 PM	Succeeded	2.27.0	2021-02-05_16_21_10-1222967785557172129	us-central1
batch	Batch	Feb 7, 2021, 3:30:36 AM	12 hr 53 min	Feb 6, 2021, 2:37:19 PM	Failed	2.25.0	2021-02-06_11_37_15-11368693901917174694	us-central1
batch2	Batch	Feb 6, 2021, 3:24:44 PM	6 min 24 sec	Feb 6, 2021, 3:18:20 PM	Failed	2.25.0	2021-02-06_12_18_18-12304133429325589064	us-central1
batch3	Batch	Feb 6, 2021, 3:40:55 PM	5 min 59 sec	Feb 6, 2021, 3:34:56 PM	Failed	2.25.0	2021-02-06_12_34_54-15732954992437479872	northamerica-northeast1
batch3	Batch	Feb 6, 2021, 3:55:25 PM	8 min 57 sec	Feb 6, 2021, 3:46:28 PM	Succeeded	2.25.0	2021-02-06_12_46_27-1872822268519840909	northamerica-northeast1
batch_fast	Batch	Feb 7, 2021, 4:25:44 PM	1 day 25 min	Feb 6, 2021, 4:00:26 PM	Failed	2.25.0	2021-02-06_13_00_25-8016270766937650845	northamerica-northeast1
batch_fast_small	Batch	Feb 6, 2021, 5:26:58 PM	40 min 44 sec	Feb 6, 2021, 4:46:14 PM	Succeeded	2.25.0	2021-02-06_13_46_14-392603548835026832	northamerica-northeast1

Job list

The screenshot shows the Google Cloud Platform Dataflow Jobs page. The URL in the browser is `console.cloud.google.com/dataflow/jobs?project=nerdynerd&folder=&organizationId=`. The page title is "Google Cloud Platform" and the project is "nerdynerd". A search bar at the top right contains the placeholder "Search products and resources". On the left, there's a sidebar with icons for Home, Projects, Data, Functions, and Dataflow. The main content area is titled "Jobs" and includes buttons for "+ CREATE JOB FROM TEMPLATE" and "+ CREATE JOB FROM SQL". A toggle switch "Enable sorting" is turned on, and a "LEARN" button is present. The table lists the following data:

Name	Type	End time	Elapsed time	Start time	Status	SDK version	ID	Region
bigquerytotfrecord-omarismail-0215013103-beba221d	Batch	Feb 14, 2021, 8:51:29 PM	20 min 18 sec	Feb 14, 2021, 8:31:11 PM	Succeeded	2.27.0	2021-02-14_17_31_10-13592187235841534836	northamerica-northeast1
bigquerytotfrecord-omarismail-0215012341-61044cf2	Batch	Feb 14, 2021, 8:31:12 PM	7 min 23 sec	Feb 14, 2021, 8:23:49 PM	Canceled	2.27.0	2021-02-14_17_23_49-2105262916090841763	northamerica-northeast1
pubsub0cogbk0gcs-omarismail-0215010035-b96b178	Streaming	Feb 14, 2021, 9:16:35 PM	1 hr 15 min	Feb 14, 2021, 8:00:41 PM	Canceled	2.27.0	2021-02-14_17_00_40-16130639497705473472	northamerica-northeast1
pubsub0cogbk0gcs-omarismail-0215005819-92af4c23	Streaming	Feb 14, 2021, 8:01:31 PM	3 min 7 sec	Feb 14, 2021, 7:58:24 PM	Canceled	2.27.0	2021-02-14_16_58_24-9711236972512635749	northamerica-northeast1
pubsub0cogbk0gcs-omarismail-0215005721-fad9413f	Streaming	Feb 14, 2021, 7:59:20 PM	1 min 55 sec	Feb 14, 2021, 7:57:25 PM	Canceled	2.27.0	2021-02-14_16_57_25-2182513820666499667	northamerica-northeast1
bigquerytotfrecord-omarismail-0215005329-3e1f39f9	Batch	Feb 14, 2021, 7:57:54 PM	4 min 18 sec	Feb 14, 2021, 7:53:36 PM	Failed	2.27.0	2021-02-14_16_53_36-14262190441227672794	northamerica-northeast1
bigquerytotfrecord-omarismail-0215004858-57c258c1	Batch	Feb 14, 2021, 7:56:04 PM	6 min 59 sec	Feb 14, 2021, 7:49:05 PM	Failed	2.27.0	2021-02-14_16_49_04-14269673423427064621	northamerica-northeast1
bigquerytotfrecord-omarismail-0215004217-b1d544c6	Batch	Feb 14, 2021, 7:56:14 PM	13 min 50 sec	Feb 14, 2021, 7:42:24 PM	Failed	2.27.0	2021-02-14_16_42_24-14467906441042675226	northamerica-northeast1

Job list

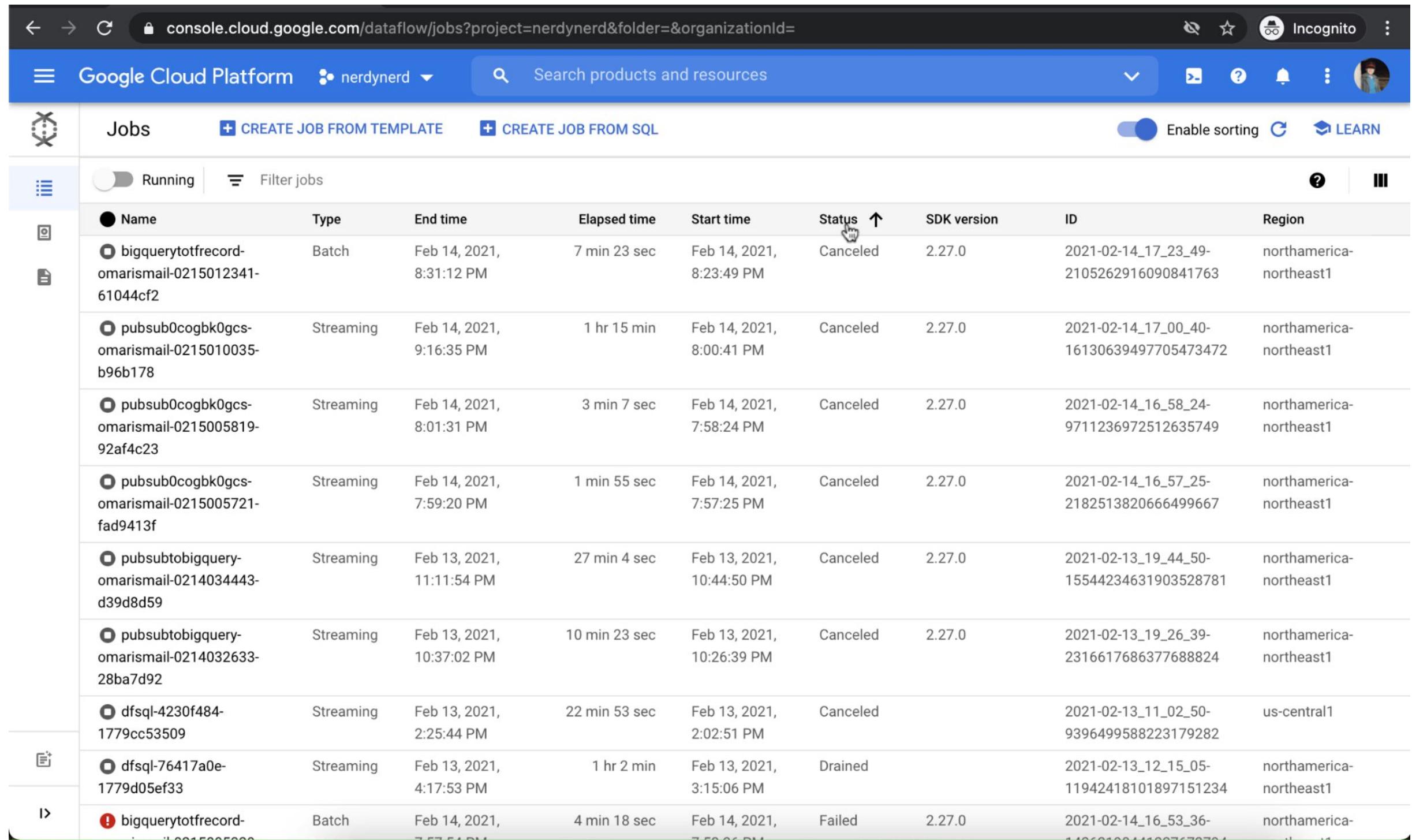


The screenshot shows the Google Cloud Platform Dataflow Job list interface. The URL in the browser is `console.cloud.google.com/dataflow/jobs?project=nerdynerd&folder=&organizationId=`. The page title is "Google Cloud Platform". The main content is a table listing various jobs, with columns for Name, Type, End time, Elapsed time, Start time, Status, SDK version, ID, and Region.

Jobs

Name	Type	End time	Elapsed time	Start time	Status	SDK version	ID	Region
bigquerytotfrecord-omarismail-0215013103-beba221d	Batch	Feb 14, 2021, 8:51:29 PM	20 min 18 sec	Feb 14, 2021, 8:31:11 PM	Succeeded	2.27.0	2021-02-14_17_31_10-13592187235841534836	northamerica-northeast1
bigquerytotfrecord-omarismail-0215012341-61044cf2	Batch	Feb 14, 2021, 8:31:12 PM	7 min 23 sec	Feb 14, 2021, 8:23:49 PM	Canceled	2.27.0	2021-02-14_17_23_49-2105262916090841763	northamerica-northeast1
pubsub0cogbk0gcs-omarismail-0215010035-b96b178	Streaming	Feb 14, 2021, 9:16:35 PM	1 hr 15 min	Feb 14, 2021, 8:00:41 PM	Canceled	2.27.0	2021-02-14_17_00_40-16130639497705473472	northamerica-northeast1
pubsub0cogbk0gcs-omarismail-0215005819-92af4c23	Streaming	Feb 14, 2021, 8:01:31 PM	3 min 7 sec	Feb 14, 2021, 7:58:24 PM	Canceled	2.27.0	2021-02-14_16_58_24-9711236972512635749	northamerica-northeast1
pubsub0cogbk0gcs-omarismail-0215005721-fad9413f	Streaming	Feb 14, 2021, 7:59:20 PM	1 min 55 sec	Feb 14, 2021, 7:57:25 PM	Canceled	2.27.0	2021-02-14_16_57_25-2182513820666499667	northamerica-northeast1
bigquerytotfrecord-omarismail-0215005329-3e1f39f9	Batch	Feb 14, 2021, 7:57:54 PM	4 min 18 sec	Feb 14, 2021, 7:53:36 PM	Failed	2.27.0	2021-02-14_16_53_36-14262190441227672794	northamerica-northeast1
bigquerytotfrecord-omarismail-0215004858-57c258c1	Batch	Feb 14, 2021, 7:56:04 PM	6 min 59 sec	Feb 14, 2021, 7:49:05 PM	Failed	2.27.0	2021-02-14_16_49_04-14269673423427064621	northamerica-northeast1
bigquerytotfrecord-omarismail-0215004217-b1d544c6	Batch	Feb 14, 2021, 7:56:14 PM	13 min 50 sec	Feb 14, 2021, 7:42:24 PM	Failed	2.27.0	2021-02-14_16_42_24-14467906441042675226	northamerica-northeast1

Job list



The screenshot shows the Google Cloud Platform Dataflow Job list interface. The URL in the browser is `console.cloud.google.com/dataflow/jobs?project=nerdynerd&folder=&organizationId=`. The page title is "Google Cloud Platform". The main content is a table listing various Dataflow jobs.

Jobs

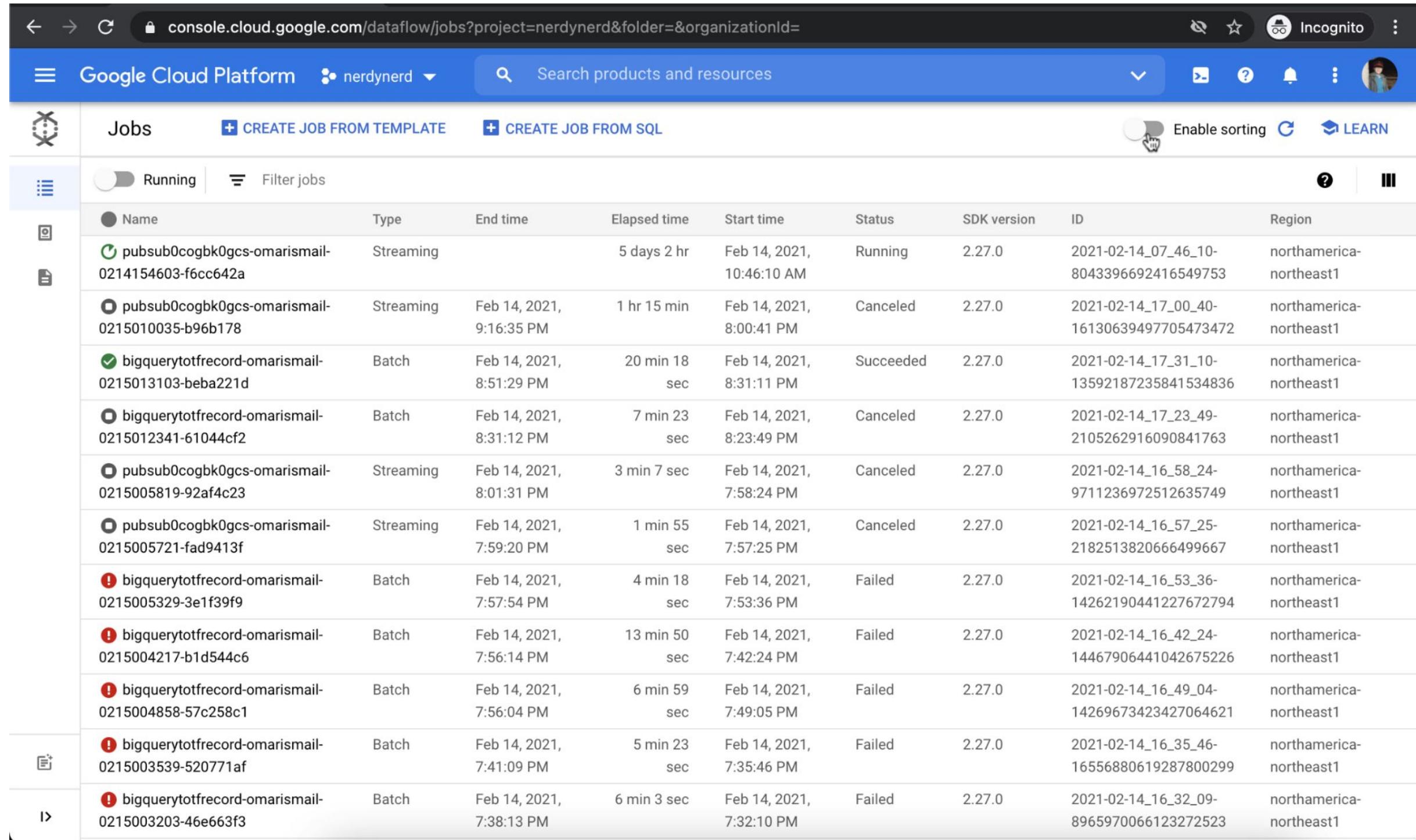
CREATE JOB FROM TEMPLATE **CREATE JOB FROM SQL**

Enable sorting **LEARN**

Running **Filter jobs**

Name	Type	End time	Elapsed time	Start time	Status	SDK version	ID	Region
bigquerytotfrecord-omarismail-0215012341-61044cf2	Batch	Feb 14, 2021, 8:31:12 PM	7 min 23 sec	Feb 14, 2021, 8:23:49 PM	Canceled	2.27.0	2021-02-14_17_23_49-2105262916090841763	northamerica-northeast1
pubsub0cogbk0gcs-omarismail-0215010035-b96b178	Streaming	Feb 14, 2021, 9:16:35 PM	1 hr 15 min	Feb 14, 2021, 8:00:41 PM	Canceled	2.27.0	2021-02-14_17_00_40-16130639497705473472	northamerica-northeast1
pubsub0cogbk0gcs-omarismail-0215005819-92af4c23	Streaming	Feb 14, 2021, 8:01:31 PM	3 min 7 sec	Feb 14, 2021, 7:58:24 PM	Canceled	2.27.0	2021-02-14_16_58_24-9711236972512635749	northamerica-northeast1
pubsub0cogbk0gcs-omarismail-0215005721-fad9413f	Streaming	Feb 14, 2021, 7:59:20 PM	1 min 55 sec	Feb 14, 2021, 7:57:25 PM	Canceled	2.27.0	2021-02-14_16_57_25-2182513820666499667	northamerica-northeast1
pubsubtobigquery-omarismail-0214034443-d39d8d59	Streaming	Feb 13, 2021, 11:11:54 PM	27 min 4 sec	Feb 13, 2021, 10:44:50 PM	Canceled	2.27.0	2021-02-13_19_44_50-15544234631903528781	northamerica-northeast1
pubsubtobigquery-omarismail-0214032633-28ba7d92	Streaming	Feb 13, 2021, 10:37:02 PM	10 min 23 sec	Feb 13, 2021, 10:26:39 PM	Canceled	2.27.0	2021-02-13_19_26_39-2316617686377688824	northamerica-northeast1
dfsqli-4230f484-1779cc53509	Streaming	Feb 13, 2021, 2:25:44 PM	22 min 53 sec	Feb 13, 2021, 2:02:51 PM	Canceled		2021-02-13_11_02_50-9396499588223179282	us-central1
dfsqli-76417a0e-1779d05ef33	Streaming	Feb 13, 2021, 4:17:53 PM	1 hr 2 min	Feb 13, 2021, 3:15:06 PM	Drained		2021-02-13_12_15_05-11942418101897151234	northamerica-northeast1
bigquerytotfrecord-omarismail-0215005819-7575414	Batch	Feb 14, 2021, 7:57:54 PM	4 min 18 sec	Feb 14, 2021, 7:53:06 PM	Failed	2.27.0	2021-02-14_16_53_36-1426200141007670704	northamerica-northeast1

Job list

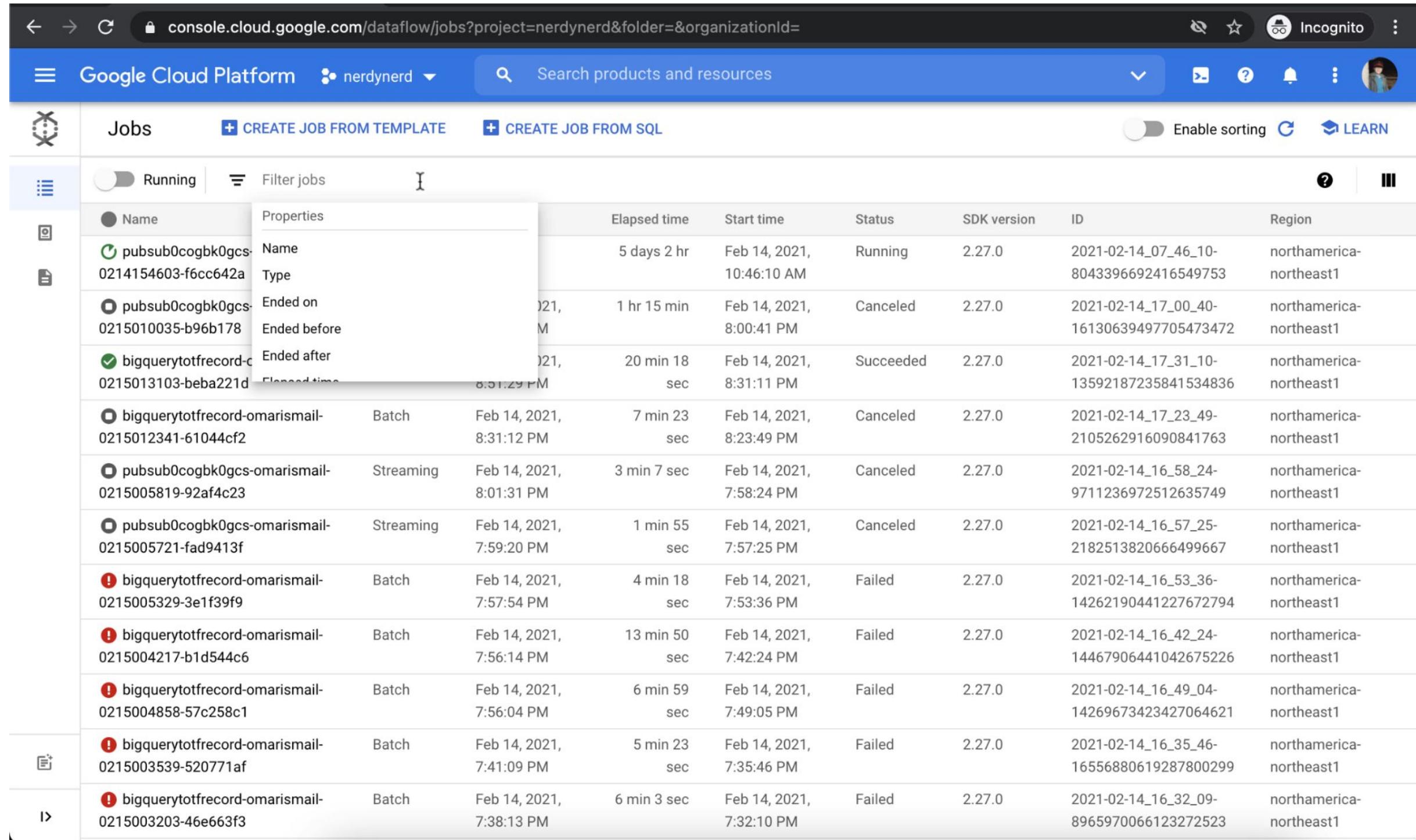


The screenshot shows the Google Cloud Platform Dataflow job list interface. The URL in the browser is `console.cloud.google.com/dataflow/jobs?project=nerdynerd&folder=&organizationId=`. The page title is "Google Cloud Platform" and the project is "nerdynerd". A search bar at the top right contains the placeholder "Search products and resources". The main area is titled "Jobs" and includes buttons for "+ CREATE JOB FROM TEMPLATE" and "+ CREATE JOB FROM SQL". There is also a "Enable sorting" button with a hand icon and a "LEARN" button.

The table lists 12 jobs, each with a status indicator (green for running, grey for canceled, red for failed), name, type, end time, elapsed time, start time, status, SDK version, ID, and region. The jobs are:

Name	Type	End time	Elapsed time	Start time	Status	SDK version	ID	Region
pubsub0cogbk0gcs-omarismail-0214154603-f6cc642a	Streaming		5 days 2 hr	Feb 14, 2021, 10:46:10 AM	Running	2.27.0	2021-02-14_07_46_10-8043396692416549753	northamerica-northeast1
pubsub0cogbk0gcs-omarismail-0215010035-b96b178	Streaming	Feb 14, 2021, 9:16:35 PM	1 hr 15 min	Feb 14, 2021, 8:00:41 PM	Canceled	2.27.0	2021-02-14_17_00_40-16130639497705473472	northamerica-northeast1
bigquerytotfrecord-omarismail-0215013103-beba221d	Batch	Feb 14, 2021, 8:51:29 PM	20 min 18 sec	Feb 14, 2021, 8:31:11 PM	Succeeded	2.27.0	2021-02-14_17_31_10-13592187235841534836	northamerica-northeast1
bigquerytotfrecord-omarismail-0215012341-61044cf2	Batch	Feb 14, 2021, 8:31:12 PM	7 min 23 sec	Feb 14, 2021, 8:23:49 PM	Canceled	2.27.0	2021-02-14_17_23_49-2105262916090841763	northamerica-northeast1
pubsub0cogbk0gcs-omarismail-0215005819-92af4c23	Streaming	Feb 14, 2021, 8:01:31 PM	3 min 7 sec	Feb 14, 2021, 7:58:24 PM	Canceled	2.27.0	2021-02-14_16_58_24-9711236972512635749	northamerica-northeast1
pubsub0cogbk0gcs-omarismail-0215005721-fad9413f	Streaming	Feb 14, 2021, 7:59:20 PM	1 min 55 sec	Feb 14, 2021, 7:57:25 PM	Canceled	2.27.0	2021-02-14_16_57_25-2182513820666499667	northamerica-northeast1
bigquerytotfrecord-omarismail-0215005329-3e1f39f9	Batch	Feb 14, 2021, 7:57:54 PM	4 min 18 sec	Feb 14, 2021, 7:53:36 PM	Failed	2.27.0	2021-02-14_16_53_36-14262190441227672794	northamerica-northeast1
bigquerytotfrecord-omarismail-0215004217-b1d544c6	Batch	Feb 14, 2021, 7:56:14 PM	13 min 50 sec	Feb 14, 2021, 7:42:24 PM	Failed	2.27.0	2021-02-14_16_42_24-14467906441042675226	northamerica-northeast1
bigquerytotfrecord-omarismail-0215004858-57c258c1	Batch	Feb 14, 2021, 7:56:04 PM	6 min 59 sec	Feb 14, 2021, 7:49:05 PM	Failed	2.27.0	2021-02-14_16_49_04-14269673423427064621	northamerica-northeast1
bigquerytotfrecord-omarismail-0215003539-520771af	Batch	Feb 14, 2021, 7:41:09 PM	5 min 23 sec	Feb 14, 2021, 7:35:46 PM	Failed	2.27.0	2021-02-14_16_35_46-16556880619287800299	northamerica-northeast1
bigquerytotfrecord-omarismail-0215003203-46e663f3	Batch	Feb 14, 2021, 7:38:13 PM	6 min 3 sec	Feb 14, 2021, 7:32:10 PM	Failed	2.27.0	2021-02-14_16_32_09-8965970066123272523	northamerica-northeast1

Job list

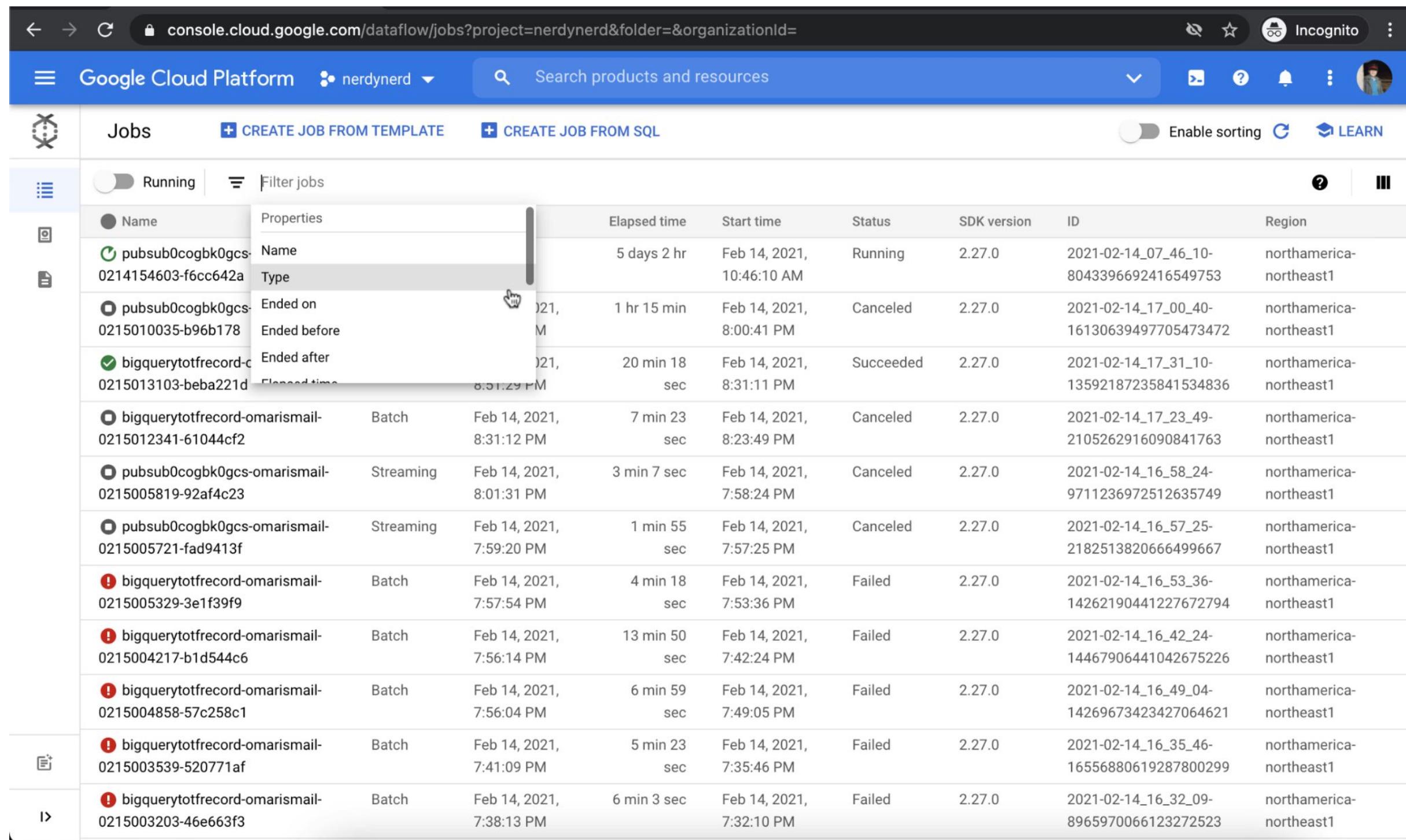


The screenshot shows the Google Cloud Platform Dataflow Job list interface. The URL in the browser is `console.cloud.google.com/dataflow/jobs?project=nerdynerd&folder=&organizationId=`. The page title is "Google Cloud Platform". The main content area displays a table of jobs, with the first few rows highlighted in light blue.

Jobs table:

Name	Type	Elapsed time	Start time	Status	SDK version	ID	Region
pubsub0cogbk0gcs-0214154603-f6cc642a	Batch	5 days 2 hr	Feb 14, 2021, 10:46:10 AM	Running	2.27.0	2021-02-14_07_46_10-8043396692416549753	northamerica-northeast1
pubsub0cogbk0gcs-0215010035-b96b178	Batch	1 hr 15 min	Feb 14, 2021, 8:00:41 PM	Canceled	2.27.0	2021-02-14_17_00_40-16130639497705473472	northamerica-northeast1
bigquerytotrecord-c0215013103-beba221d	Batch	20 min 18 sec	Feb 14, 2021, 8:31:11 PM	Succeeded	2.27.0	2021-02-14_17_31_10-13592187235841534836	northamerica-northeast1
bigquerytotrecord-omarismail-0215012341-61044cf2	Batch	7 min 23 sec	Feb 14, 2021, 8:31:12 PM	Canceled	2.27.0	2021-02-14_17_23_49-2105262916090841763	northamerica-northeast1
pubsub0cogbk0gcs-omarismail-0215005819-92af4c23	Streaming	3 min 7 sec	Feb 14, 2021, 7:58:24 PM	Canceled	2.27.0	2021-02-14_16_58_24-9711236972512635749	northamerica-northeast1
pubsub0cogbk0gcs-omarismail-0215005721-fad9413f	Streaming	1 min 55 sec	Feb 14, 2021, 7:57:25 PM	Canceled	2.27.0	2021-02-14_16_57_25-2182513820666499667	northamerica-northeast1
bigquerytotrecord-omarismail-0215005329-3e1f39f9	Batch	4 min 18 sec	Feb 14, 2021, 7:53:36 PM	Failed	2.27.0	2021-02-14_16_53_36-14262190441227672794	northamerica-northeast1
bigquerytotrecord-omarismail-0215004217-b1d544c6	Batch	13 min 50 sec	Feb 14, 2021, 7:42:24 PM	Failed	2.27.0	2021-02-14_16_42_24-14467906441042675226	northamerica-northeast1
bigquerytotrecord-omarismail-0215004858-57c258c1	Batch	6 min 59 sec	Feb 14, 2021, 7:49:05 PM	Failed	2.27.0	2021-02-14_16_49_04-14269673423427064621	northamerica-northeast1
bigquerytotrecord-omarismail-0215003539-520771af	Batch	5 min 23 sec	Feb 14, 2021, 7:35:46 PM	Failed	2.27.0	2021-02-14_16_35_46-16556880619287800299	northamerica-northeast1
bigquerytotrecord-omarismail-0215003203-46e663f3	Batch	6 min 3 sec	Feb 14, 2021, 7:32:10 PM	Failed	2.27.0	2021-02-14_16_32_09-8965970066123272523	northamerica-northeast1

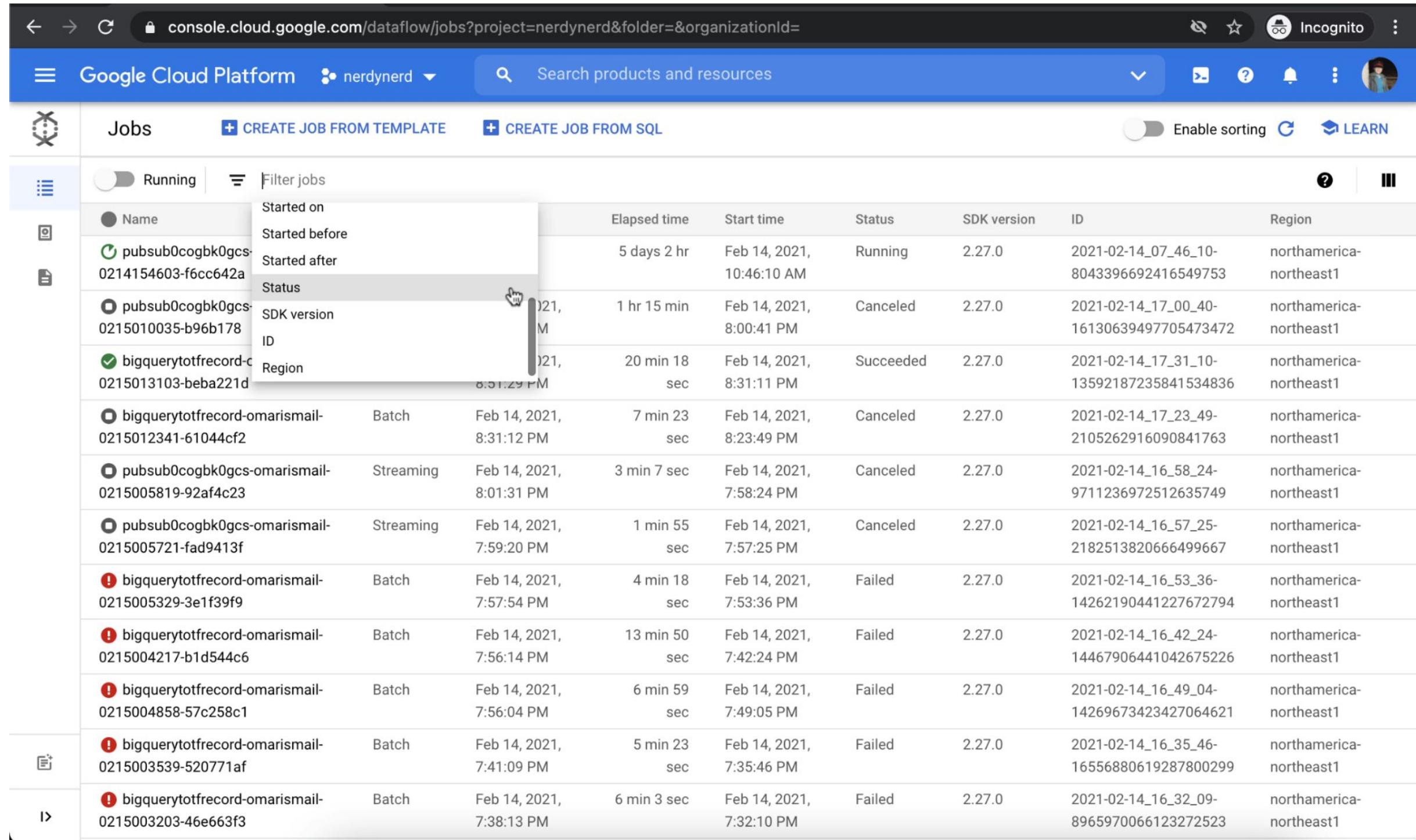
Job list



The screenshot shows the Google Cloud Platform Dataflow Job list interface. The URL in the browser is `console.cloud.google.com/dataflow/jobs?project=nerdynerd&folder=&organizationId=`. The page title is "Google Cloud Platform". The main content area displays a table of jobs. The columns are: Name, Properties, Elapsed time, Start time, Status, SDK version, ID, and Region. A filter bar at the top allows filtering by "Running" status and "Type". The table lists several jobs, including:

Name	Properties	Elapsed time	Start time	Status	SDK version	ID	Region	
pubsub0cogbk0gcs-0214154603-f6cc642a	Name Type	5 days 2 hr	Feb 14, 2021, 10:46:10 AM	Running	2.27.0	2021-02-14_07_46_10-8043396692416549753	northamerica-northeast1	
pubsub0cogbk0gcs-0215010035-b96b178	Ended on Ended before	2021, 1 hr 15 min	Feb 14, 2021, 8:00:41 PM	Canceled	2.27.0	2021-02-14_17_00_40-16130639497705473472	northamerica-northeast1	
bigquerytotrecord-c-0215013103-beba221d	Ended after Elapsed time	2021, 20 min 18 sec	Feb 14, 2021, 8:31:11 PM	Succeeded	2.27.0	2021-02-14_17_31_10-13592187235841534836	northamerica-northeast1	
bigquerytotrecord-omarismail-0215012341-61044cf2	Batch	Feb 14, 2021, 8:31:12 PM	7 min 23 sec	Feb 14, 2021, 8:23:49 PM	Canceled	2.27.0	2021-02-14_17_23_49-2105262916090841763	northamerica-northeast1
pubsub0cogbk0gcs-omarismail-0215005819-92af4c23	Streaming	Feb 14, 2021, 8:01:31 PM	3 min 7 sec	Feb 14, 2021, 7:58:24 PM	Canceled	2.27.0	2021-02-14_16_58_24-9711236972512635749	northamerica-northeast1
pubsub0cogbk0gcs-omarismail-0215005721-fad9413f	Streaming	Feb 14, 2021, 7:59:20 PM	1 min 55 sec	Feb 14, 2021, 7:57:25 PM	Canceled	2.27.0	2021-02-14_16_57_25-2182513820666499667	northamerica-northeast1
bigquerytotrecord-omarismail-0215005329-3e1f39f9	Batch	Feb 14, 2021, 7:57:54 PM	4 min 18 sec	Feb 14, 2021, 7:53:36 PM	Failed	2.27.0	2021-02-14_16_53_36-14262190441227672794	northamerica-northeast1
bigquerytotrecord-omarismail-0215004217-b1d544c6	Batch	Feb 14, 2021, 7:56:14 PM	13 min 50 sec	Feb 14, 2021, 7:42:24 PM	Failed	2.27.0	2021-02-14_16_42_24-14467906441042675226	northamerica-northeast1
bigquerytotrecord-omarismail-0215004858-57c258c1	Batch	Feb 14, 2021, 7:56:04 PM	6 min 59 sec	Feb 14, 2021, 7:49:05 PM	Failed	2.27.0	2021-02-14_16_49_04-14269673423427064621	northamerica-northeast1
bigquerytotrecord-omarismail-0215003539-520771af	Batch	Feb 14, 2021, 7:41:09 PM	5 min 23 sec	Feb 14, 2021, 7:35:46 PM	Failed	2.27.0	2021-02-14_16_35_46-16556880619287800299	northamerica-northeast1
bigquerytotrecord-omarismail-0215003203-46e663f3	Batch	Feb 14, 2021, 7:38:13 PM	6 min 3 sec	Feb 14, 2021, 7:32:10 PM	Failed	2.27.0	2021-02-14_16_32_09-8965970066123272523	northamerica-northeast1

Job list



The screenshot shows the Google Cloud Platform Dataflow Job list interface. The table displays 14 rows of job information, each with a status indicator icon, job name, type, start time, elapsed time, status, SDK version, ID, and region.

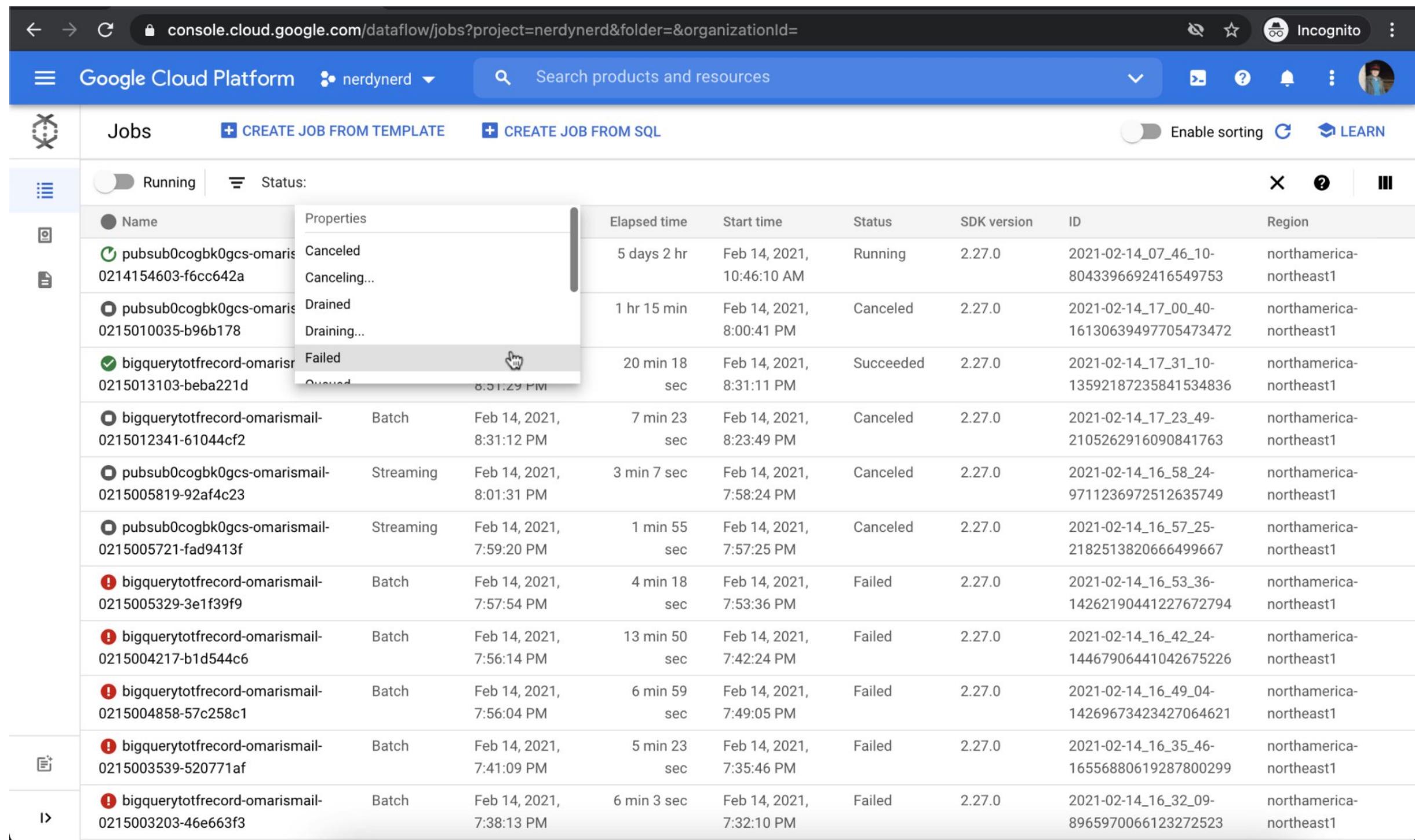
	Jobs	+ CREATE JOB FROM TEMPLATE	+ CREATE JOB FROM SQL	Enable sorting					LEARN
	<input checked="" type="checkbox"/> Running	<input type="checkbox"/> Filter jobs							
	Name	Started on		Elapsed time	Start time	Status	SDK version	ID	Region
	pubsub0cogbk0gcs-0214154603-f6cc642a	Started before		5 days 2 hr	Feb 14, 2021, 10:46:10 AM	Running	2.27.0	2021-02-14_07_46_10-8043396692416549753	northamerica-northeast1
	pubsub0cogbk0gcs-0215010035-b96b178	Started after		1 hr 15 min	Feb 14, 2021, 8:00:41 PM	Canceled	2.27.0	2021-02-14_17_00_40-16130639497705473472	northamerica-northeast1
	bigquerytotfrecord-c-0215013103-beba221d	Status		20 min 18 sec	Feb 14, 2021, 8:31:11 PM	Succeeded	2.27.0	2021-02-14_17_31_10-13592187235841534836	northamerica-northeast1
	bigquerytotfrecord-omarismail-0215012341-61044cf2	SDK version		7 min 23 sec	Feb 14, 2021, 8:31:12 PM	Canceled	2.27.0	2021-02-14_17_23_49-2105262916090841763	northamerica-northeast1
	pubsub0cogbk0gcs-omarismail-0215005819-92af4c23	Batch	Feb 14, 2021, 8:01:31 PM	3 min 7 sec	Feb 14, 2021, 7:58:24 PM	Canceled	2.27.0	2021-02-14_16_58_24-9711236972512635749	northamerica-northeast1
	pubsub0cogbk0gcs-omarismail-0215005721-fad9413f	Streaming	Feb 14, 2021, 7:59:20 PM	1 min 55 sec	Feb 14, 2021, 7:57:25 PM	Canceled	2.27.0	2021-02-14_16_57_25-2182513820666499667	northamerica-northeast1
	bigquerytotfrecord-omarismail-0215005329-3e1f39f9	Batch	Feb 14, 2021, 7:57:54 PM	4 min 18 sec	Feb 14, 2021, 7:53:36 PM	Failed	2.27.0	2021-02-14_16_53_36-14262190441227672794	northamerica-northeast1
	bigquerytotfrecord-omarismail-0215004217-b1d544c6	Batch	Feb 14, 2021, 7:56:14 PM	13 min 50 sec	Feb 14, 2021, 7:42:24 PM	Failed	2.27.0	2021-02-14_16_42_24-14467906441042675226	northamerica-northeast1
	bigquerytotfrecord-omarismail-0215004858-57c258c1	Batch	Feb 14, 2021, 7:56:04 PM	6 min 59 sec	Feb 14, 2021, 7:49:05 PM	Failed	2.27.0	2021-02-14_16_49_04-14269673423427064621	northamerica-northeast1
	bigquerytotfrecord-omarismail-0215003539-520771af	Batch	Feb 14, 2021, 7:41:09 PM	5 min 23 sec	Feb 14, 2021, 7:35:46 PM	Failed	2.27.0	2021-02-14_16_35_46-16556880619287800299	northamerica-northeast1
	bigquerytotfrecord-omarismail-0215003203-46e663f3	Batch	Feb 14, 2021, 7:38:13 PM	6 min 3 sec	Feb 14, 2021, 7:32:10 PM	Failed	2.27.0	2021-02-14_16_32_09-8965970066123272523	northamerica-northeast1

Job list

The screenshot shows the Google Cloud Platform Dataflow Job list interface. The URL in the browser is `console.cloud.google.com/dataflow/jobs?project=nerdynerd&folder=&organizationId=`. The page title is "Google Cloud Platform" and the project is "nerdynerd". A search bar at the top right contains the placeholder "Search products and resources". Below the header, there are two buttons: "+ CREATE JOB FROM TEMPLATE" and "+ CREATE JOB FROM SQL". To the right of the table, there are buttons for "Enable sorting" and "LEARN". The table has columns: Name, Properties, Elapsed time, Start time, Status, SDK version, ID, and Region. The "Properties" column shows job details like "Canceled", "Drained", "Failed", or "Succeeded". The "Status" column shows the current state of each job. The "Region" column indicates the location where the job was run, all listed as "northamerica-northeast1". The table lists 12 jobs, with the first three highlighted in yellow.

Name	Properties	Elapsed time	Start time	Status	SDK version	ID	Region	
pubsub0cogbk0gcs-omaris0214154603-f6cc642a	Canceled	5 days 2 hr	Feb 14, 2021, 10:46:10 AM	Running	2.27.0	2021-02-14_07_46_10-8043396692416549753	northamerica-northeast1	
pubsub0cogbk0gcs-omaris0215010035-b96b178	Drained	1 hr 15 min	Feb 14, 2021, 8:00:41 PM	Canceled	2.27.0	2021-02-14_17_00_40-16130639497705473472	northamerica-northeast1	
bigquerytotfrecord-omaris0215013103-beba221d	Failed	20 min 18 sec	Feb 14, 2021, 8:31:11 PM	Succeeded	2.27.0	2021-02-14_17_31_10-13592187235841534836	northamerica-northeast1	
bigquerytotfrecord-omarismail-0215012341-61044cf2	Batch	Feb 14, 2021, 8:31:12 PM	7 min 23 sec	Feb 14, 2021, 8:23:49 PM	Canceled	2.27.0	2021-02-14_17_23_49-2105262916090841763	northamerica-northeast1
pubsub0cogbk0gcs-omarismail-0215005819-92af4c23	Streaming	Feb 14, 2021, 8:01:31 PM	3 min 7 sec	Feb 14, 2021, 7:58:24 PM	Canceled	2.27.0	2021-02-14_16_58_24-9711236972512635749	northamerica-northeast1
pubsub0cogbk0gcs-omarismail-0215005721-fad9413f	Streaming	Feb 14, 2021, 7:59:20 PM	1 min 55 sec	Feb 14, 2021, 7:57:25 PM	Canceled	2.27.0	2021-02-14_16_57_25-2182513820666499667	northamerica-northeast1
bigquerytotfrecord-omarismail-0215005329-3e1f39f9	Batch	Feb 14, 2021, 7:57:54 PM	4 min 18 sec	Feb 14, 2021, 7:53:36 PM	Failed	2.27.0	2021-02-14_16_53_36-14262190441227672794	northamerica-northeast1
bigquerytotfrecord-omarismail-0215004217-b1d544c6	Batch	Feb 14, 2021, 7:56:14 PM	13 min 50 sec	Feb 14, 2021, 7:42:24 PM	Failed	2.27.0	2021-02-14_16_42_24-14467906441042675226	northamerica-northeast1
bigquerytotfrecord-omarismail-0215004858-57c258c1	Batch	Feb 14, 2021, 7:56:04 PM	6 min 59 sec	Feb 14, 2021, 7:49:05 PM	Failed	2.27.0	2021-02-14_16_49_04-14269673423427064621	northamerica-northeast1
bigquerytotfrecord-omarismail-0215003539-520771af	Batch	Feb 14, 2021, 7:41:09 PM	5 min 23 sec	Feb 14, 2021, 7:35:46 PM	Failed	2.27.0	2021-02-14_16_35_46-16556880619287800299	northamerica-northeast1
bigquerytotfrecord-omarismail-0215003203-46e663f3	Batch	Feb 14, 2021, 7:38:13 PM	6 min 3 sec	Feb 14, 2021, 7:32:10 PM	Failed	2.27.0	2021-02-14_16_32_09-8965970066123272523	northamerica-northeast1

Job list



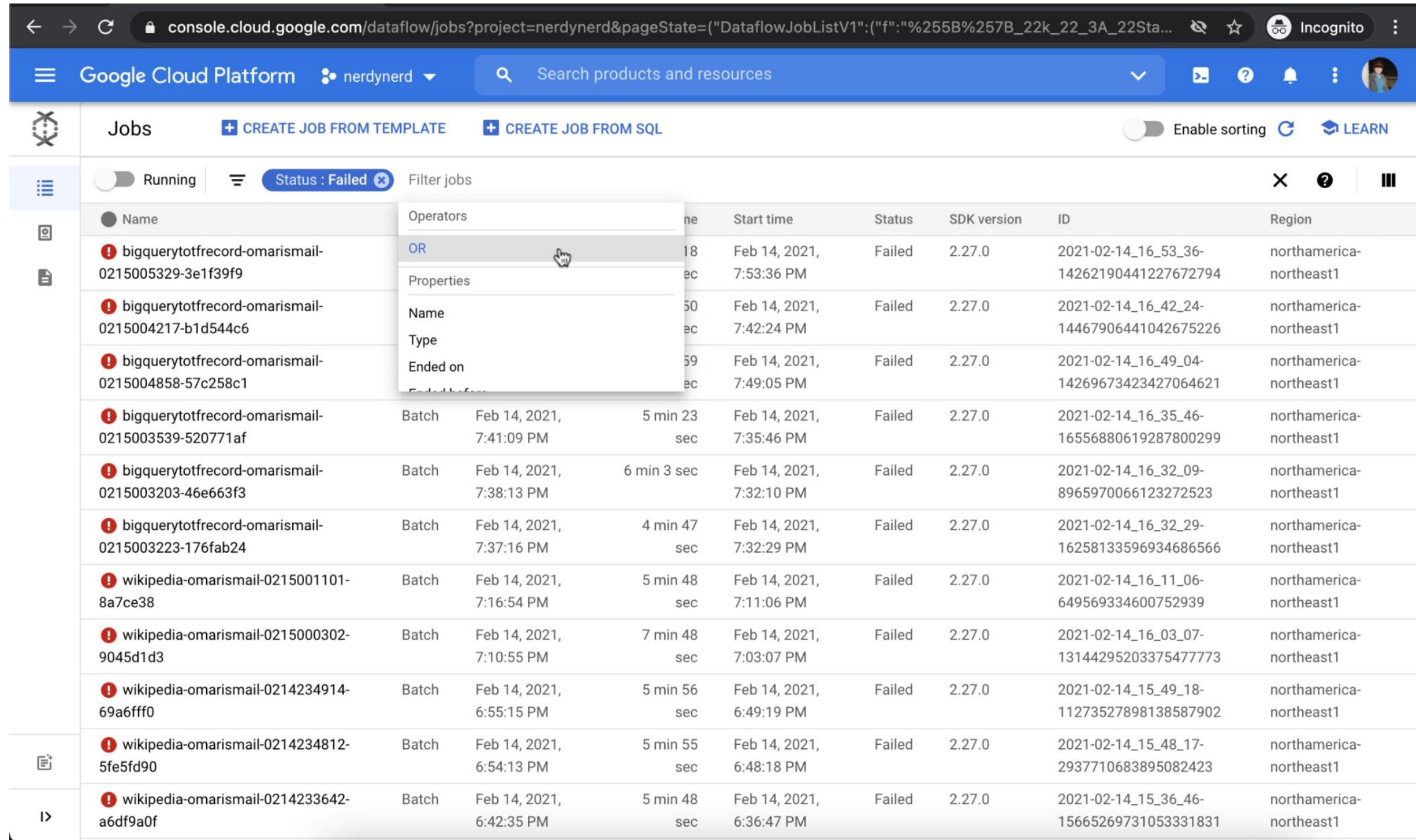
The screenshot shows the Google Cloud Platform Dataflow Job list interface. The URL in the browser is `console.cloud.google.com/dataflow/jobs?project=nerdynerd&folder=&organizationId=`. The page title is "Google Cloud Platform". The main content area displays a table of jobs, with the first row highlighted in yellow.

Jobs | + CREATE JOB FROM TEMPLATE | + CREATE JOB FROM SQL | Enable sorting | LEARN

Status: Running

Name	Properties	Elapsed time	Start time	Status	SDK version	ID	Region	
pubsub0cogbk0gcs-omarismail-0214154603-f6cc642a	Canceled	5 days 2 hr	Feb 14, 2021, 10:46:10 AM	Running	2.27.0	2021-02-14_07_46_10-8043396692416549753	northamerica-northeast1	
pubsub0cogbk0gcs-omarismail-0215010035-b96b178	Drained	1 hr 15 min	Feb 14, 2021, 8:00:41 PM	Canceled	2.27.0	2021-02-14_17_00_40-16130639497705473472	northamerica-northeast1	
bigquerytotfrecord-omarismail-0215013103-beba221d	Failed	20 min 18 sec	Feb 14, 2021, 8:31:11 PM	Succeeded	2.27.0	2021-02-14_17_31_10-13592187235841534836	northamerica-northeast1	
bigquerytotfrecord-omarismail-0215012341-61044cf2	Batch	Feb 14, 2021, 8:31:12 PM	7 min 23 sec	Feb 14, 2021, 8:23:49 PM	Canceled	2.27.0	2021-02-14_17_23_49-2105262916090841763	northamerica-northeast1
pubsub0cogbk0gcs-omarismail-0215005819-92af4c23	Streaming	Feb 14, 2021, 8:01:31 PM	3 min 7 sec	Feb 14, 2021, 7:58:24 PM	Canceled	2.27.0	2021-02-14_16_58_24-9711236972512635749	northamerica-northeast1
pubsub0cogbk0gcs-omarismail-0215005721-fad9413f	Streaming	Feb 14, 2021, 7:59:20 PM	1 min 55 sec	Feb 14, 2021, 7:57:25 PM	Canceled	2.27.0	2021-02-14_16_57_25-2182513820666499667	northamerica-northeast1
bigquerytotfrecord-omarismail-0215005329-3e1f39f9	Batch	Feb 14, 2021, 7:57:54 PM	4 min 18 sec	Feb 14, 2021, 7:53:36 PM	Failed	2.27.0	2021-02-14_16_53_36-14262190441227672794	northamerica-northeast1
bigquerytotfrecord-omarismail-0215004217-b1d544c6	Batch	Feb 14, 2021, 7:56:14 PM	13 min 50 sec	Feb 14, 2021, 7:42:24 PM	Failed	2.27.0	2021-02-14_16_42_24-14467906441042675226	northamerica-northeast1
bigquerytotfrecord-omarismail-0215004858-57c258c1	Batch	Feb 14, 2021, 7:56:04 PM	6 min 59 sec	Feb 14, 2021, 7:49:05 PM	Failed	2.27.0	2021-02-14_16_49_04-14269673423427064621	northamerica-northeast1
bigquerytotfrecord-omarismail-0215003539-520771af	Batch	Feb 14, 2021, 7:41:09 PM	5 min 23 sec	Feb 14, 2021, 7:35:46 PM	Failed	2.27.0	2021-02-14_16_35_46-16556880619287800299	northamerica-northeast1
bigquerytotfrecord-omarismail-0215003203-46e663f3	Batch	Feb 14, 2021, 7:38:13 PM	6 min 3 sec	Feb 14, 2021, 7:32:10 PM	Failed	2.27.0	2021-02-14_16_32_09-8965970066123272523	northamerica-northeast1

Job list



The screenshot shows the Google Cloud Platform Dataflow Job List interface. The top navigation bar includes the URL `console.cloud.google.com/dataflow/jobs?project=nerdynerd&pageState={"DataflowJobListV1":("f":"%255B%257B_22k_22_3A_22Sta...`, the Google Cloud Platform logo, the project name "nerdynerd", a search bar, and various navigation icons.

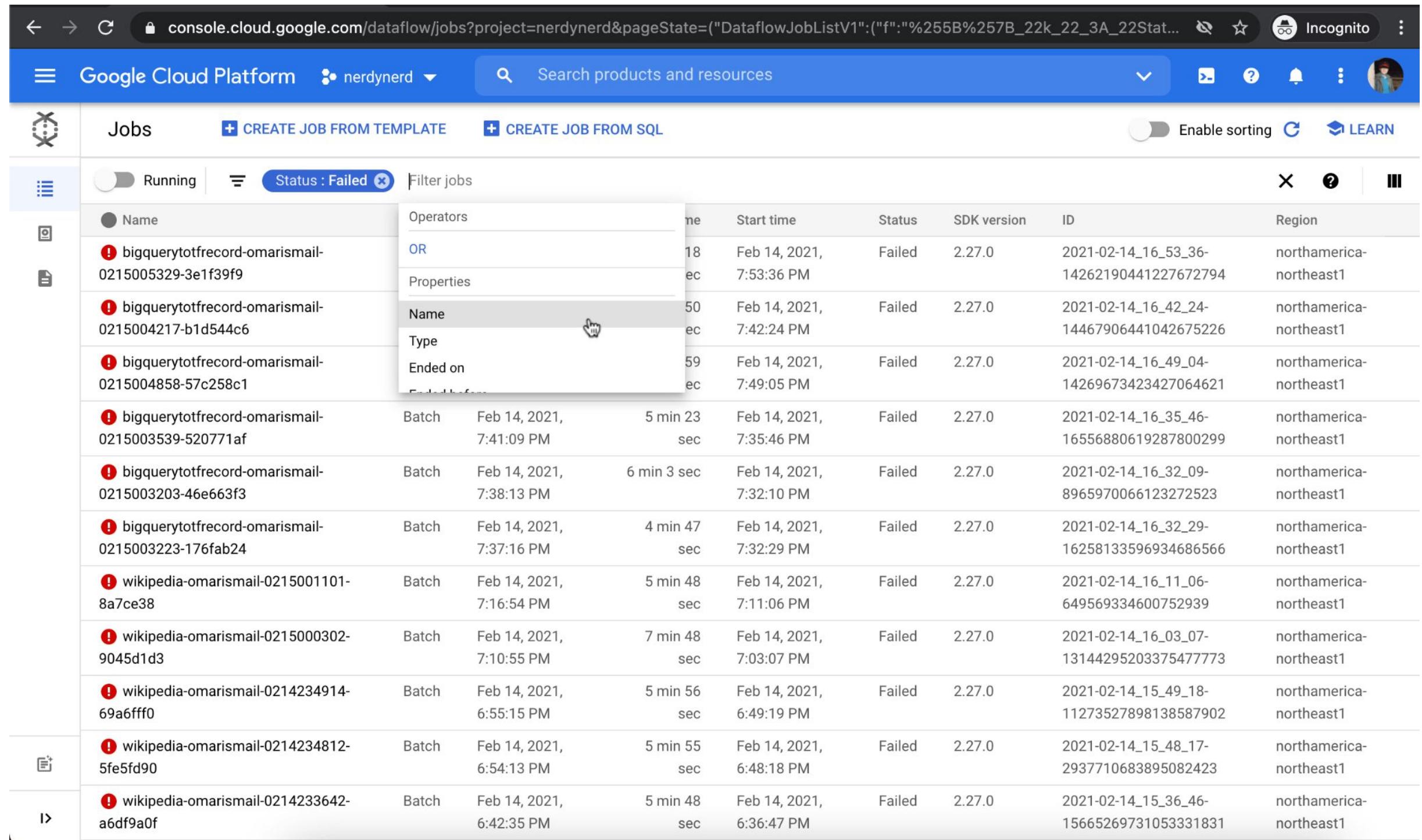
The main area is titled "Jobs" and features two creation buttons: "+ CREATE JOB FROM TEMPLATE" and "+ CREATE JOB FROM SQL". It includes a sorting toggle and a "LEARN" button.

Filtering options are present, including "Running" and "Status : Failed" (which is selected). A "Filter jobs" input field is also available.

The table lists the following failed jobs:

Name	Operators	ID	Region
! bigquerytotfrecord-omarismail-0215005329-3e1f39f9	OR	2021-02-14_16_53_36-14262190441227672794	northamerica-northeast1
! bigquerytotfrecord-omarismail-0215004217-b1d544c6	OR	2021-02-14_16_42_24-14467906441042675226	northamerica-northeast1
! bigquerytotfrecord-omarismail-0215004858-57c258c1	OR	2021-02-14_16_49_04-14269673423427064621	northamerica-northeast1
! bigquerytotfrecord-omarismail-0215003539-520771af	Batch	2021-02-14_16_35_46-16556880619287800299	northamerica-northeast1
! bigquerytotfrecord-omarismail-0215003203-46e663f3	Batch	2021-02-14_16_32_09-8965970066123272523	northamerica-northeast1
! bigquerytotfrecord-omarismail-0215003223-176fab24	Batch	2021-02-14_16_32_29-16258133596934686566	northamerica-northeast1
! wikipedia-omarismail-0215001101-8a7ce38	Batch	2021-02-14_16_11_06-649569334600752939	northamerica-northeast1
! wikipedia-omarismail-0215000302-9045d1d3	Batch	2021-02-14_16_03_07-13144295203375477773	northamerica-northeast1
! wikipedia-omarismail-0214234914-69a6fff0	Batch	2021-02-14_15_49_18-11273527898138587902	northamerica-northeast1
! wikipedia-omarismail-0214234812-5fe5fd90	Batch	2021-02-14_15_48_17-2937710683895082423	northamerica-northeast1
! wikipedia-omarismail-0214233642-a6df9a0f	Batch	2021-02-14_15_36_46-15665269731053331831	northamerica-northeast1

Job list



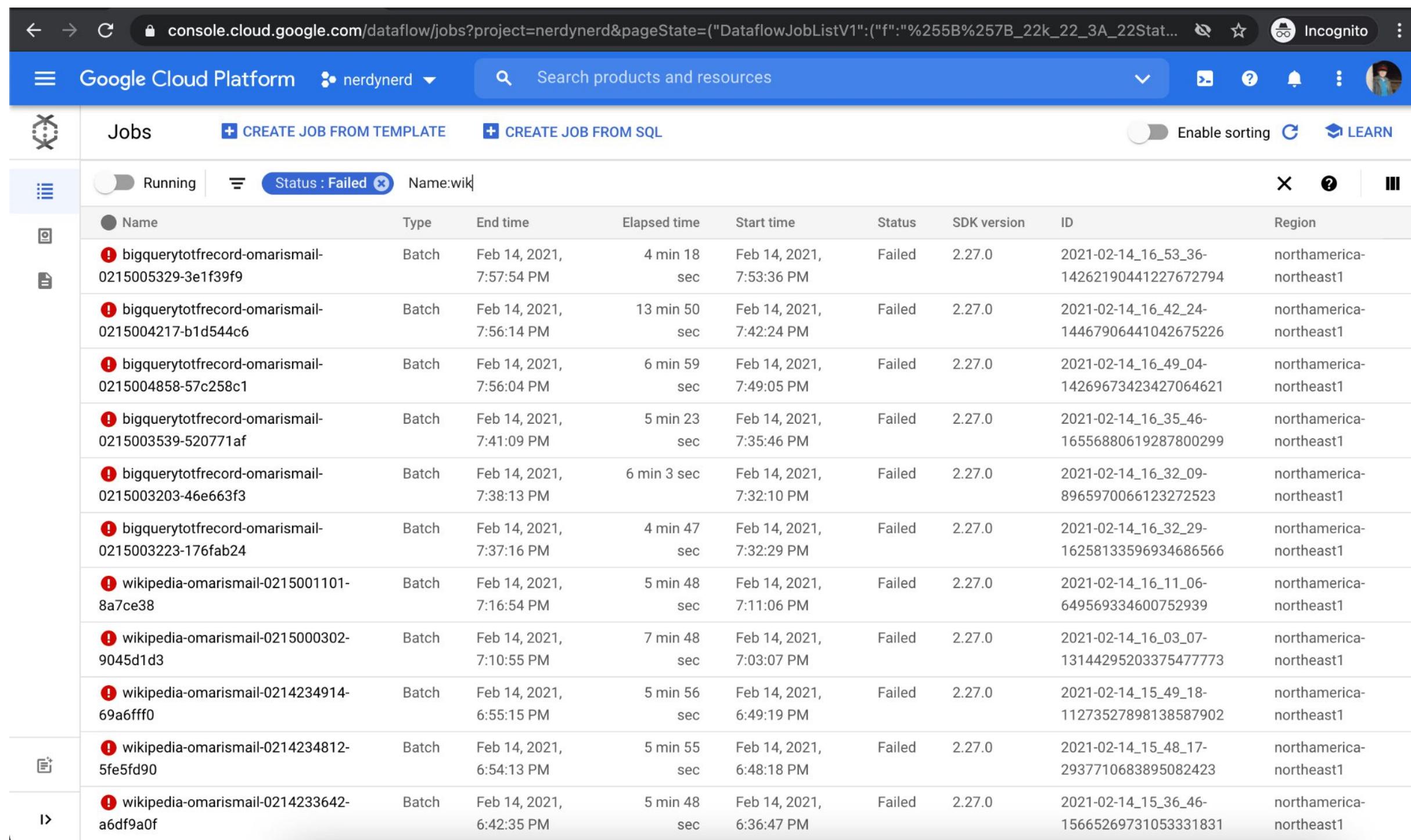
The screenshot shows the Google Cloud Platform Dataflow Job List interface. The top navigation bar includes the URL `console.cloud.google.com/dataflow/jobs?project=nerdynerd&pageState={"DataflowJobListV1":("f": "%255B%257B_22k_22_3A_22Stat...")}`, the Google Cloud Platform logo, the project name "nerdynerd", a search bar, and various navigation icons.

The main area displays a table of jobs. The columns are: Name, Operators, Start time, Status, SDK version, ID, and Region. A filter sidebar on the left allows filtering by status (Running or Failed) and provides a dropdown menu for filtering by Name, Type, and Ended on.

The table lists 12 failed jobs, all of which are of type "Batch". The jobs are:

Name	Operators	Start time	Status	SDK version	ID	Region		
! bigquerytotfrecord-omarismail-0215005329-3e1f39f9	OR	Feb 14, 2021, 7:53:36 PM	Failed	2.27.0	2021-02-14_16_53_36-14262190441227672794	northamerica-northeast1		
! bigquerytotfrecord-omarismail-0215004217-b1d544c6	Name	Feb 14, 2021, 7:42:24 PM	Failed	2.27.0	2021-02-14_16_42_24-14467906441042675226	northamerica-northeast1		
! bigquerytotfrecord-omarismail-0215004858-57c258c1	Type	Feb 14, 2021, 7:49:05 PM	Failed	2.27.0	2021-02-14_16_49_04-14269673423427064621	northamerica-northeast1		
! bigquerytotfrecord-omarismail-0215003539-520771af	Batch	Feb 14, 2021, 7:41:09 PM	5 min 23 sec	Feb 14, 2021, 7:35:46 PM	Failed	2.27.0	2021-02-14_16_35_46-16556880619287800299	northamerica-northeast1
! bigquerytotfrecord-omarismail-0215003203-46e663f3	Batch	Feb 14, 2021, 7:38:13 PM	6 min 3 sec	Feb 14, 2021, 7:32:10 PM	Failed	2.27.0	2021-02-14_16_32_09-8965970066123272523	northamerica-northeast1
! bigquerytotfrecord-omarismail-0215003223-176fab24	Batch	Feb 14, 2021, 7:37:16 PM	4 min 47 sec	Feb 14, 2021, 7:32:29 PM	Failed	2.27.0	2021-02-14_16_32_29-16258133596934686566	northamerica-northeast1
! wikipedia-omarismail-0215001101-8a7ce38	Batch	Feb 14, 2021, 7:16:54 PM	5 min 48 sec	Feb 14, 2021, 7:11:06 PM	Failed	2.27.0	2021-02-14_16_11_06-649569334600752939	northamerica-northeast1
! wikipedia-omarismail-0215000302-9045d1d3	Batch	Feb 14, 2021, 7:10:55 PM	7 min 48 sec	Feb 14, 2021, 7:03:07 PM	Failed	2.27.0	2021-02-14_16_03_07-13144295203375477773	northamerica-northeast1
! wikipedia-omarismail-0214234914-69a6fff0	Batch	Feb 14, 2021, 6:55:15 PM	5 min 56 sec	Feb 14, 2021, 6:49:19 PM	Failed	2.27.0	2021-02-14_15_49_18-11273527898138587902	northamerica-northeast1
! wikipedia-omarismail-0214234812-5fe5fd90	Batch	Feb 14, 2021, 6:54:13 PM	5 min 55 sec	Feb 14, 2021, 6:48:18 PM	Failed	2.27.0	2021-02-14_15_48_17-2937710683895082423	northamerica-northeast1
! wikipedia-omarismail-0214233642-a6df9a0f	Batch	Feb 14, 2021, 6:42:35 PM	5 min 48 sec	Feb 14, 2021, 6:36:47 PM	Failed	2.27.0	2021-02-14_15_36_46-15665269731053331831	northamerica-northeast1

Job list

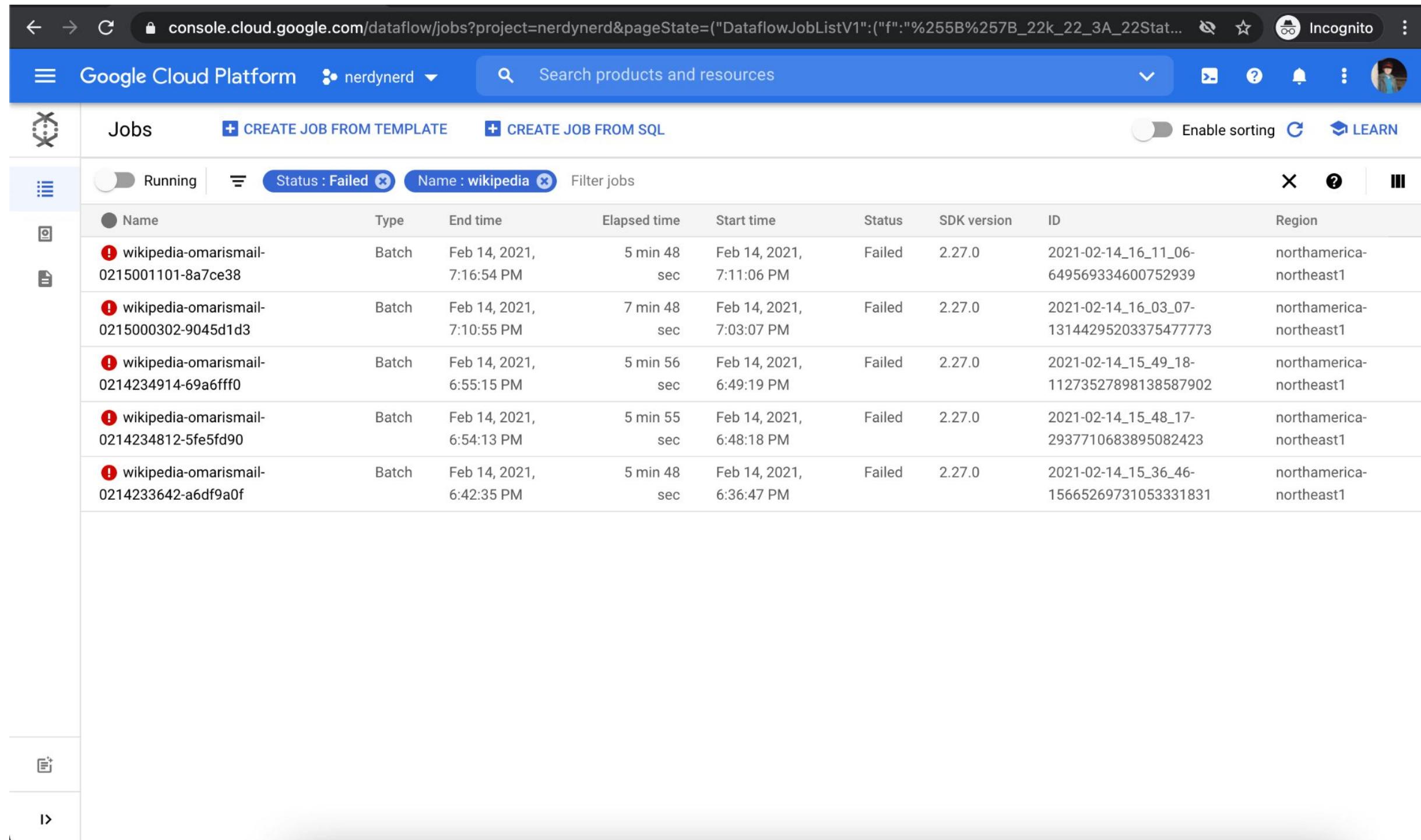


The screenshot shows the Google Cloud Platform Dataflow Job List interface. The URL in the browser is `console.cloud.google.com/dataflow/jobs?project=nerdynerd&pageState={"DataflowJobListV1":("f":"%255B%257B_22k_22_3A_22Stat...}`. The page title is "Google Cloud Platform" and the user is signed in as "nerdynerd". A search bar at the top right contains the placeholder "Search products and resources". Below the header, there are two buttons: "+ CREATE JOB FROM TEMPLATE" and "+ CREATE JOB FROM SQL". To the right of these buttons are "Enable sorting" and "LEARN" buttons.

The main area displays a table of jobs. The table has a header row with columns: Name, Type, End time, Elapsed time, Start time, Status, SDK version, ID, and Region. The table lists ten jobs, all of which are marked as "Failed". The "Name" column includes prefixing exclamation marks and job identifiers. The "Region" column for all jobs is "northamerica-northeast1".

	Name	Type	End time	Elapsed time	Start time	Status	SDK version	ID	Region
1	! bigquerytotfrecord-omarismail-0215005329-3e1f39f9	Batch	Feb 14, 2021, 7:57:54 PM	4 min 18 sec	Feb 14, 2021, 7:53:36 PM	Failed	2.27.0	2021-02-14_16_53_36-14262190441227672794	northamerica-northeast1
2	! bigquerytotfrecord-omarismail-0215004217-b1d544c6	Batch	Feb 14, 2021, 7:56:14 PM	13 min 50 sec	Feb 14, 2021, 7:42:24 PM	Failed	2.27.0	2021-02-14_16_42_24-14467906441042675226	northamerica-northeast1
3	! bigquerytotfrecord-omarismail-0215004858-57c258c1	Batch	Feb 14, 2021, 7:56:04 PM	6 min 59 sec	Feb 14, 2021, 7:49:05 PM	Failed	2.27.0	2021-02-14_16_49_04-14269673423427064621	northamerica-northeast1
4	! bigquerytotfrecord-omarismail-0215003539-520771af	Batch	Feb 14, 2021, 7:41:09 PM	5 min 23 sec	Feb 14, 2021, 7:35:46 PM	Failed	2.27.0	2021-02-14_16_35_46-16556880619287800299	northamerica-northeast1
5	! bigquerytotfrecord-omarismail-0215003203-46e663f3	Batch	Feb 14, 2021, 7:38:13 PM	6 min 3 sec	Feb 14, 2021, 7:32:10 PM	Failed	2.27.0	2021-02-14_16_32_09-8965970066123272523	northamerica-northeast1
6	! bigquerytotfrecord-omarismail-0215003223-176fab24	Batch	Feb 14, 2021, 7:37:16 PM	4 min 47 sec	Feb 14, 2021, 7:32:29 PM	Failed	2.27.0	2021-02-14_16_32_29-16258133596934686566	northamerica-northeast1
7	! wikipedia-omarismail-0215001101-8a7ce38	Batch	Feb 14, 2021, 7:16:54 PM	5 min 48 sec	Feb 14, 2021, 7:11:06 PM	Failed	2.27.0	2021-02-14_16_11_06-649569334600752939	northamerica-northeast1
8	! wikipedia-omarismail-0215000302-9045d1d3	Batch	Feb 14, 2021, 7:10:55 PM	7 min 48 sec	Feb 14, 2021, 7:03:07 PM	Failed	2.27.0	2021-02-14_16_03_07-13144295203375477773	northamerica-northeast1
9	! wikipedia-omarismail-0214234914-69a6fff0	Batch	Feb 14, 2021, 6:55:15 PM	5 min 56 sec	Feb 14, 2021, 6:49:19 PM	Failed	2.27.0	2021-02-14_15_49_18-11273527898138587902	northamerica-northeast1
10	! wikipedia-omarismail-0214234812-5fe5fd90	Batch	Feb 14, 2021, 6:54:13 PM	5 min 55 sec	Feb 14, 2021, 6:48:18 PM	Failed	2.27.0	2021-02-14_15_48_17-2937710683895082423	northamerica-northeast1
11	! wikipedia-omarismail-0214233642-a6df9a0f	Batch	Feb 14, 2021, 6:42:35 PM	5 min 48 sec	Feb 14, 2021, 6:36:47 PM	Failed	2.27.0	2021-02-14_15_36_46-15665269731053331831	northamerica-northeast1

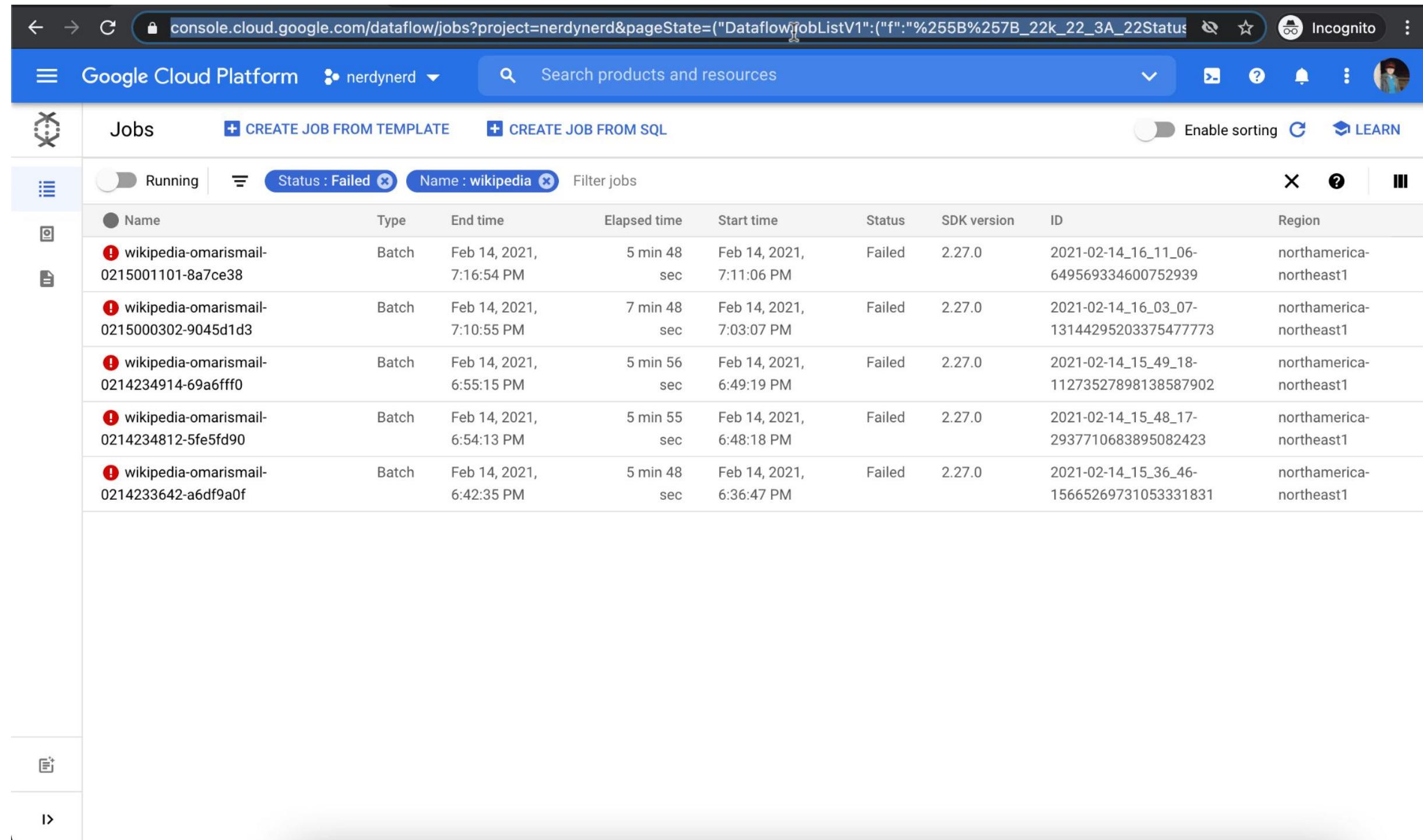
Job list



The screenshot shows the Google Cloud Platform Dataflow Job List interface. The URL in the browser is `console.cloud.google.com/dataflow/jobs?project=nerdynerd&pageState={"DataflowJobListV1":("f":"%255B%257B_22k_22_3A_22Stat...}`. The page title is "Google Cloud Platform" and the project is "nerdynerd". A search bar at the top right contains "Search products and resources". Below the header, there are two buttons: "+ CREATE JOB FROM TEMPLATE" and "+ CREATE JOB FROM SQL". A toggle switch labeled "Enable sorting" is followed by a "LEARN" button. The main area displays a table of jobs. The table has columns: Name, Type, End time, Elapsed time, Start time, Status, SDK version, ID, and Region. There are five rows, each representing a failed job named "wikipedia-omarismail-0215001101-8a7ce38", "wikipedia-omarismail-0215000302-9045d1d3", "wikipedia-omarismail-0214234914-69a6fff0", "wikipedia-omarismail-0214234812-5fe5fd90", and "wikipedia-omarismail-0214233642-a6df9a0f". All jobs are of type "Batch" and ended on "Feb 14, 2021, 7:16:54 PM". The status for all is "Failed" with an elapsed time of "5 min 48 sec". The start time was "Feb 14, 2021, 7:11:06 PM". The SDK version is "2.27.0" and the ID is a long string starting with "2021-02-14_16_11_06-649569334600752939". The region for all is "northamerica-northeast1". The table includes a "Filter jobs" input field and a "Status : Failed" filter button. The sidebar on the left shows icons for Dataflow, Compute Engine, Cloud Storage, and Bigtable.

Name	Type	End time	Elapsed time	Start time	Status	SDK version	ID	Region
wikipedia-omarismail-0215001101-8a7ce38	Batch	Feb 14, 2021, 7:16:54 PM	5 min 48 sec	Feb 14, 2021, 7:11:06 PM	Failed	2.27.0	2021-02-14_16_11_06-649569334600752939	northamerica-northeast1
wikipedia-omarismail-0215000302-9045d1d3	Batch	Feb 14, 2021, 7:10:55 PM	7 min 48 sec	Feb 14, 2021, 7:03:07 PM	Failed	2.27.0	2021-02-14_16_03_07-13144295203375477773	northamerica-northeast1
wikipedia-omarismail-0214234914-69a6fff0	Batch	Feb 14, 2021, 6:55:15 PM	5 min 56 sec	Feb 14, 2021, 6:49:19 PM	Failed	2.27.0	2021-02-14_15_49_18-11273527898138587902	northamerica-northeast1
wikipedia-omarismail-0214234812-5fe5fd90	Batch	Feb 14, 2021, 6:54:13 PM	5 min 55 sec	Feb 14, 2021, 6:48:18 PM	Failed	2.27.0	2021-02-14_15_48_17-2937710683895082423	northamerica-northeast1
wikipedia-omarismail-0214233642-a6df9a0f	Batch	Feb 14, 2021, 6:42:35 PM	5 min 48 sec	Feb 14, 2021, 6:36:47 PM	Failed	2.27.0	2021-02-14_15_36_46-15665269731053331831	northamerica-northeast1

Job list



The screenshot shows the Google Cloud Platform Dataflow Job list interface. The URL in the browser is `console.cloud.google.com/dataflow/jobs?project=nerdynerd&pageState={"DataflowJobListV1":("f":"%255B%257B_22k_22_3A_22Status`. The page title is "Google Cloud Platform" and the project is "nerdynerd". A search bar at the top right contains "Search products and resources". Below the header, there are two buttons: "+ CREATE JOB FROM TEMPLATE" and "+ CREATE JOB FROM SQL". A toggle switch labeled "Enable sorting" is followed by a "LEARN" button. The main area displays a table of jobs. The table has columns: Name, Type, End time, Elapsed time, Start time, Status, SDK version, ID, and Region. There are five rows, each representing a failed job named "wikipedia-omarismail-0215001101-8a7ce38", "wikipedia-omarismail-0215000302-9045d1d3", "wikipedia-omarismail-0214234914-69a6fff0", "wikipedia-omarismail-0214234812-5fe5fd90", and "wikipedia-omarismail-0214233642-a6df9a0f". All jobs are of type "Batch" and ended on "Feb 14, 2021, 7:16:54 PM". The status for all is "Failed" with an elapsed time of "5 min 48 sec". The SDK version is "2.27.0" and the ID is a long string starting with "2021-02-14_16_11_06-649569334600752939". The region for all is "northamerica-northeast1". The table includes filters for "Running" (unchecked), "Status : Failed" (checked), and "Name : wikipedia" (checked). There are also "Filter jobs" and "X" buttons.

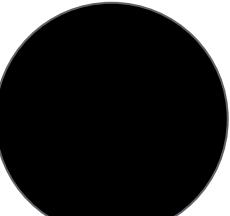
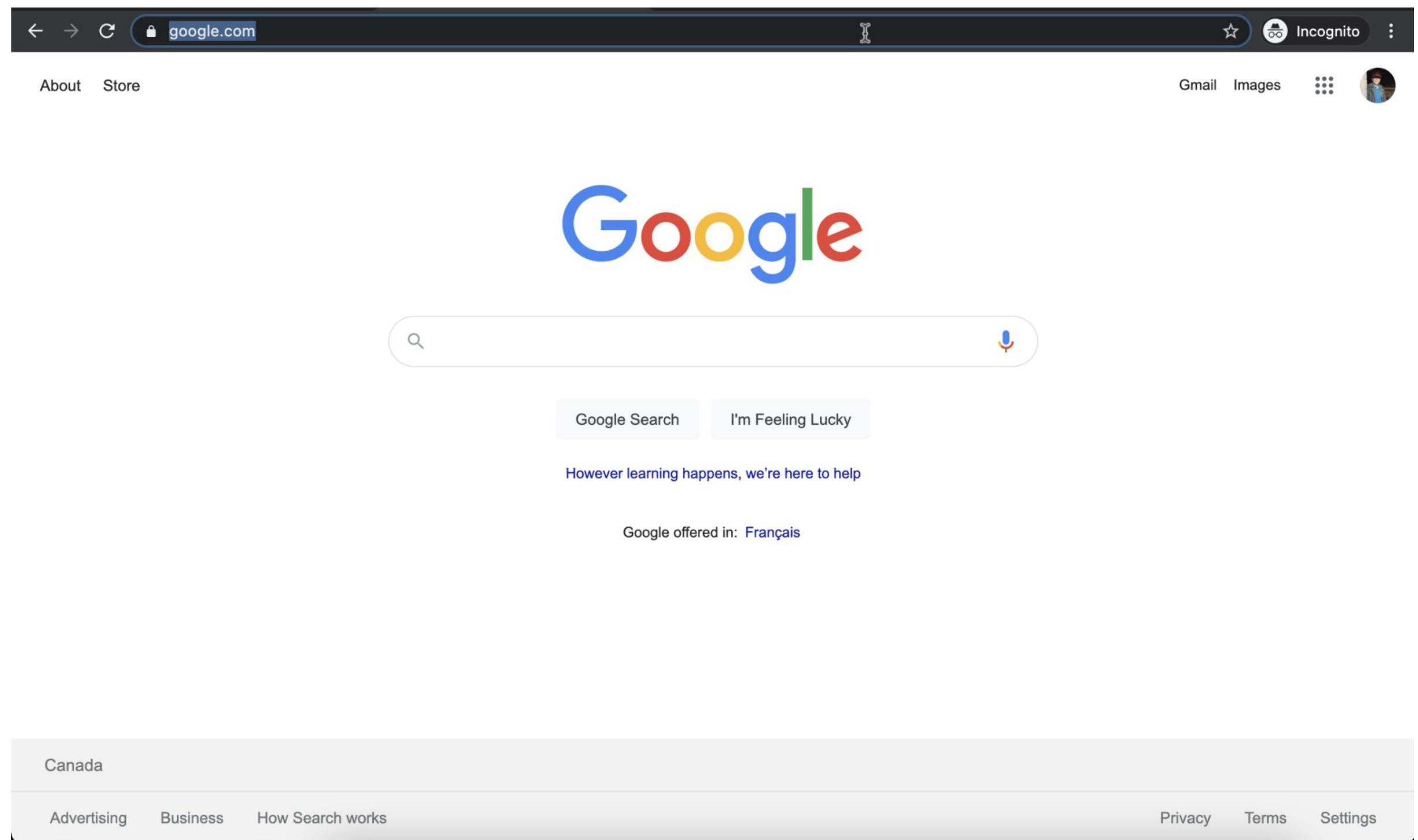
Name	Type	End time	Elapsed time	Start time	Status	SDK version	ID	Region
wikipedia-omarismail-0215001101-8a7ce38	Batch	Feb 14, 2021, 7:16:54 PM	5 min 48 sec	Feb 14, 2021, 7:11:06 PM	Failed	2.27.0	2021-02-14_16_11_06-649569334600752939	northamerica-northeast1
wikipedia-omarismail-0215000302-9045d1d3	Batch	Feb 14, 2021, 7:10:55 PM	7 min 48 sec	Feb 14, 2021, 7:03:07 PM	Failed	2.27.0	2021-02-14_16_03_07-13144295203375477773	northamerica-northeast1
wikipedia-omarismail-0214234914-69a6fff0	Batch	Feb 14, 2021, 6:55:15 PM	5 min 56 sec	Feb 14, 2021, 6:49:19 PM	Failed	2.27.0	2021-02-14_15_49_18-11273527898138587902	northamerica-northeast1
wikipedia-omarismail-0214234812-5fe5fd90	Batch	Feb 14, 2021, 6:54:13 PM	5 min 55 sec	Feb 14, 2021, 6:48:18 PM	Failed	2.27.0	2021-02-14_15_48_17-2937710683895082423	northamerica-northeast1
wikipedia-omarismail-0214233642-a6df9a0f	Batch	Feb 14, 2021, 6:42:35 PM	5 min 48 sec	Feb 14, 2021, 6:36:47 PM	Failed	2.27.0	2021-02-14_15_36_46-15665269731053331831	northamerica-northeast1

Job list

The screenshot shows the Google Cloud Platform Dataflow Jobs page. The URL in the browser is `console.cloud.google.com/dataflow/jobs?project=nerdynerd&pageState={"Dataflow.JobsPage":{}}`. The page displays a list of jobs, all of which are failed. The columns in the table are Name, Type, End time, Elapsed time, Start time, Status, and Region. The first five jobs are named `wikipedia-omarismail-0215001101-8a7ce38`, `wikipedia-omarismail-0215000302-9045d1d3`, `wikipedia-omarismail-0214234914-69a6fff0`, `wikipedia-omarismail-0214234812-5fe5fd90`, and `wikipedia-omarismail-0214233642-a6df9a0f`. All are Batch type, ended on Feb 14, 2021, and started on Feb 14, 2021. The elapsed time is between 5 min 48 sec and 7 min 48 sec. The status is Failed. The last column shows the region as northamerica-northeast1. A context menu is open over the first job, with 'Copy' highlighted.

Name	Type	End time	Elapsed time	Start time	Status	Region
wikipedia-omarismail-0215001101-8a7ce38	Batch	Feb 14, 2021, 7:16:54 PM	5 min 48 sec	Feb 14, 2021, 7:11:06 PM	Failed	northamerica-northeast1
wikipedia-omarismail-0215000302-9045d1d3	Batch	Feb 14, 2021, 7:10:55 PM	7 min 48 sec	Feb 14, 2021, 7:03:07 PM	Failed	northamerica-northeast1
wikipedia-omarismail-0214234914-69a6fff0	Batch	Feb 14, 2021, 6:55:15 PM	5 min 56 sec	Feb 14, 2021, 6:49:19 PM	Failed	northamerica-northeast1
wikipedia-omarismail-0214234812-5fe5fd90	Batch	Feb 14, 2021, 6:54:13 PM	5 min 55 sec	Feb 14, 2021, 6:48:18 PM	Failed	northamerica-northeast1
wikipedia-omarismail-0214233642-a6df9a0f	Batch	Feb 14, 2021, 6:42:35 PM	5 min 48 sec	Feb 14, 2021, 6:36:47 PM	Failed	northamerica-northeast1

Job list



Job list

A screenshot of a Google search results page. The search query "Job list" is entered in the search bar. The top result is a link to "https://console.cloud.google.com/dataflow/jobs?...". A context menu is open over this link, showing options like Undo, Cut, Copy, Paste, Delete, and Select All. The "Paste" option is highlighted with a blue background. Below the search bar, there are links for "About" and "Store". At the bottom of the page, there are buttons for "Google Search" and "I'm Feeling Lucky", and a message: "However learning happens, we're here to help". The page is offered in French ("Français"). The footer includes links for "Canada", "Advertising", "Business", "How Search works", "Privacy", "Terms", and "Settings".

Job list

https://console.cloud.google.com/dataflow/jobs?...

Google Search I'm Feeling Lucky

However learning happens, we're here to help

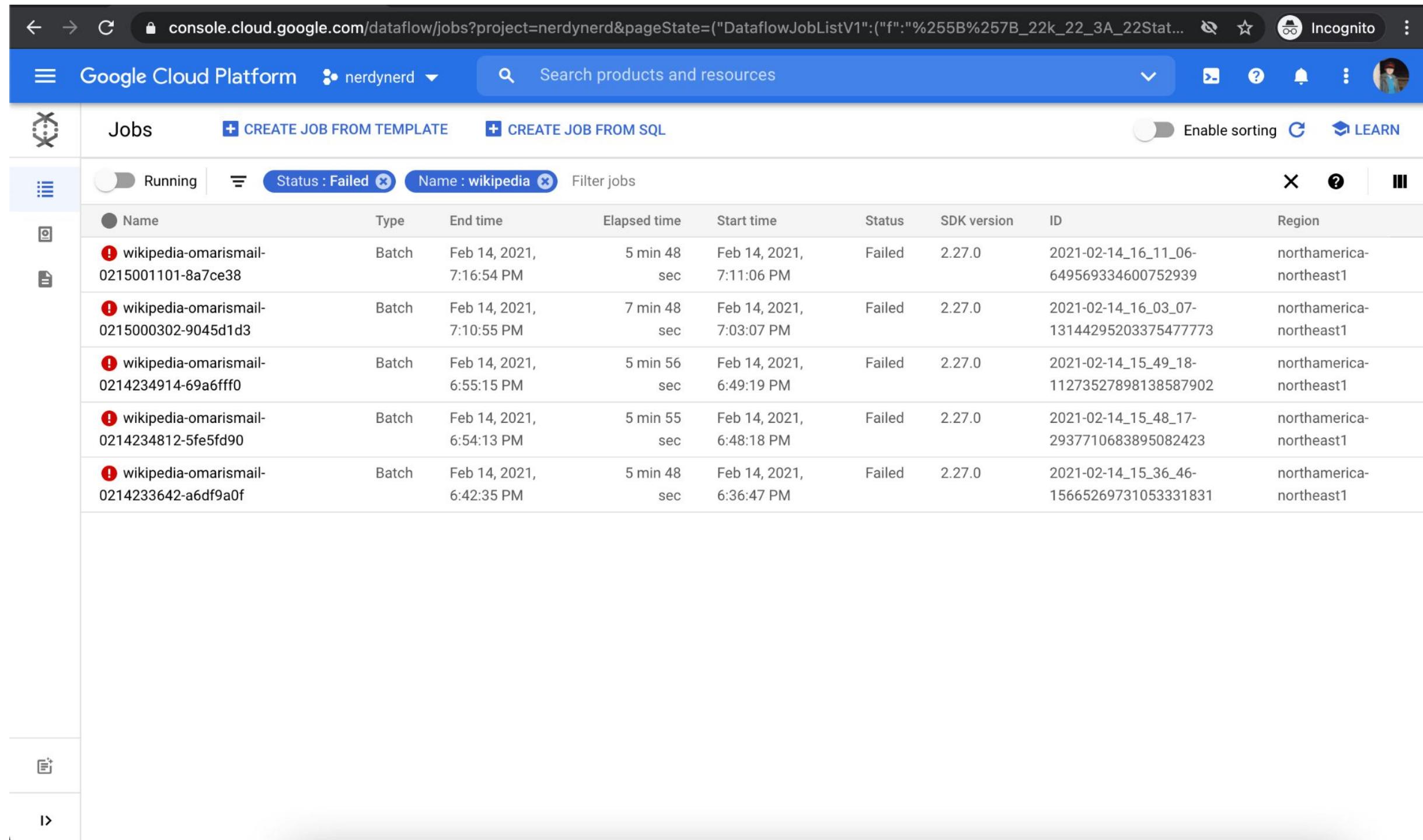
Google offered in: Français

Canada

Advertising Business How Search works

Privacy Terms Settings

Job list



The screenshot shows the Google Cloud Platform Dataflow Job List interface. The URL in the browser is `console.cloud.google.com/dataflow/jobs?project=nerdynerd&pageState={"DataflowJobListV1":("f":"%255B%257B_22k_22_3A_22Stat...}`. The page title is "Google Cloud Platform" and the project is "nerdynerd". A search bar at the top right contains "Search products and resources". Below the header, there are two buttons: "+ CREATE JOB FROM TEMPLATE" and "+ CREATE JOB FROM SQL". A toggle switch labeled "Enable sorting" is followed by a "LEARN" button. The main area displays a table of jobs. The table has columns: Name, Type, End time, Elapsed time, Start time, Status, SDK version, ID, and Region. There are five rows, each representing a failed job named "wikipedia-omarismail-0215001101-8a7ce38", "wikipedia-omarismail-0215000302-9045d1d3", "wikipedia-omarismail-0214234914-69a6fff0", "wikipedia-omarismail-0214234812-5fe5fd90", and "wikipedia-omarismail-0214233642-a6df9a0f". All jobs are of type "Batch" and ended on "Feb 14, 2021, 7:16:54 PM". The status for all is "Failed" with an elapsed time of "5 min 48 sec". The start time for all is "Feb 14, 2021, 7:11:06 PM". The SDK version is "2.27.0" and the ID is a long string starting with "2021-02-14_16_11_06-649569334600752939". The region for all is "northamerica-northeast1". The table includes a "Filter jobs" input field and a "Status : Failed" filter button. The left sidebar has icons for Dataflow, Compute, Storage, Functions, Bigtable, and Pub/Sub.

Name	Type	End time	Elapsed time	Start time	Status	SDK version	ID	Region
wikipedia-omarismail-0215001101-8a7ce38	Batch	Feb 14, 2021, 7:16:54 PM	5 min 48 sec	Feb 14, 2021, 7:11:06 PM	Failed	2.27.0	2021-02-14_16_11_06-649569334600752939	northamerica-northeast1
wikipedia-omarismail-0215000302-9045d1d3	Batch	Feb 14, 2021, 7:10:55 PM	7 min 48 sec	Feb 14, 2021, 7:03:07 PM	Failed	2.27.0	2021-02-14_16_03_07-13144295203375477773	northamerica-northeast1
wikipedia-omarismail-0214234914-69a6fff0	Batch	Feb 14, 2021, 6:55:15 PM	5 min 56 sec	Feb 14, 2021, 6:49:19 PM	Failed	2.27.0	2021-02-14_15_49_18-11273527898138587902	northamerica-northeast1
wikipedia-omarismail-0214234812-5fe5fd90	Batch	Feb 14, 2021, 6:54:13 PM	5 min 55 sec	Feb 14, 2021, 6:48:18 PM	Failed	2.27.0	2021-02-14_15_48_17-2937710683895082423	northamerica-northeast1
wikipedia-omarismail-0214233642-a6df9a0f	Batch	Feb 14, 2021, 6:42:35 PM	5 min 48 sec	Feb 14, 2021, 6:36:47 PM	Failed	2.27.0	2021-02-14_15_36_46-15665269731053331831	northamerica-northeast1

Job list

The screenshot shows the Google Cloud Platform Dataflow Job List page. The URL in the browser is `console.cloud.google.com/dataflow/jobs?project=nerdynerd&pageState={"DataflowJobListV1":("f":"%255B%257B_22k_22_3A_22Stat...}`. The page title is "Google Cloud Platform" and the project is "nerdynerd". A search bar at the top right contains "Search products and resources". Below the header, there are two buttons: "+ CREATE JOB FROM TEMPLATE" and "+ CREATE JOB FROM SQL". A toggle switch labeled "Enable sorting" is followed by a "LEARN" button. On the left, there is a sidebar with icons for "Jobs", "Running", "Status: Failed", "Name: wikipedia", and "Filter jobs". The main content area displays a table of failed jobs. The columns are: Name, Type, End time, Elapsed time, Start time, Status, SDK version, ID, and Region. The table lists six failed batch jobs named "wikipedia-omarismail-0215001101-8a7ce38", "wikipedia-omarismail-0215000302-9045d1d3", "wikipedia-omarismail-0214234914-69a6fff0", "wikipedia-omarismail-0214234812-5fe5fd90", and "wikipedia-omarismail-0214233642-a6df9a0f". All jobs ended on Feb 14, 2021, between 6:42:35 PM and 7:16:54 PM, took between 5 min 48 sec and 7 min 48 sec, and failed. They were run with SDK version 2.27.0 and have IDs starting with 2021-02-14. The region for all jobs is "northamerica-northeast1".

Name	Type	End time	Elapsed time	Start time	Status	SDK version	ID	Region
wikipedia-omarismail-0215001101-8a7ce38	Batch	Feb 14, 2021, 7:16:54 PM	5 min 48 sec	Feb 14, 2021, 7:11:06 PM	Failed	2.27.0	2021-02-14_16_11_06-649569334600752939	northamerica-northeast1
wikipedia-omarismail-0215000302-9045d1d3	Batch	Feb 14, 2021, 7:10:55 PM	7 min 48 sec	Feb 14, 2021, 7:03:07 PM	Failed	2.27.0	2021-02-14_16_03_07-13144295203375477773	northamerica-northeast1
wikipedia-omarismail-0214234914-69a6fff0	Batch	Feb 14, 2021, 6:55:15 PM	5 min 56 sec	Feb 14, 2021, 6:49:19 PM	Failed	2.27.0	2021-02-14_15_49_18-11273527898138587902	northamerica-northeast1
wikipedia-omarismail-0214234812-5fe5fd90	Batch	Feb 14, 2021, 6:54:13 PM	5 min 55 sec	Feb 14, 2021, 6:48:18 PM	Failed	2.27.0	2021-02-14_15_48_17-2937710683895082423	northamerica-northeast1
wikipedia-omarismail-0214233642-a6df9a0f	Batch	Feb 14, 2021, 6:42:35 PM	5 min 48 sec	Feb 14, 2021, 6:36:47 PM	Failed	2.27.0	2021-02-14_15_36_46-15665269731053331831	northamerica-northeast1

Job list

The screenshot shows the Google Cloud Platform Dataflow Job List interface. A modal window titled "Bookmark added" is open, prompting the user to enter a name for the bookmark and choose a folder (Bookmarks Bar). The main table lists six failed jobs, all named "wikipedia-omarismail-..." and type "Batch". The first job is from Feb 14, 2021, at 7:16:54 PM, ending at 7:11:06 PM with a 5 min 48 sec elapsed time. The last job listed is from Feb 14, 2021, at 6:42:35 PM, ending at 6:36:47 PM with a 5 min 48 sec elapsed time.

Name	Type	End time	Elapsed time	Start time	Status	Region
wikipedia-omarismail-0215001101-8a7ce38	Batch	Feb 14, 2021, 7:16:54 PM	5 min 48 sec	Feb 14, 2021, 7:11:06 PM	Failed	northamerica-northeast1
wikipedia-omarismail-0215000302-9045d1d3	Batch	Feb 14, 2021, 7:10:55 PM	7 min 48 sec	Feb 14, 2021, 7:03:07 PM	Failed	northamerica-northeast1
wikipedia-omarismail-0214234914-69a6fff0	Batch	Feb 14, 2021, 6:55:15 PM	5 min 56 sec	Feb 14, 2021, 6:49:19 PM	Failed	northamerica-northeast1
wikipedia-omarismail-0214234812-5fe5fd90	Batch	Feb 14, 2021, 6:54:13 PM	5 min 55 sec	Feb 14, 2021, 6:48:18 PM	Failed	northamerica-northeast1
wikipedia-omarismail-0214233642-a6df9a0f	Batch	Feb 14, 2021, 6:42:35 PM	5 min 48 sec	Feb 14, 2021, 6:36:47 PM	Failed	northamerica-northeast1

Job list

The screenshot shows the Google Cloud Platform Dataflow Job List interface. A modal dialog titled "Bookmark added" is open, prompting the user to enter a name ("Check") and select a folder ("Bookmarks Bar"). The main table lists six failed jobs, all named "wikipedia-omarismail-...".

Name	Type	End time	Elapsed time	Start time	Status	Region
wikipedia-omarismail-0215001101-8a7ce38	Batch	Feb 14, 2021, 7:16:54 PM	5 min 48 sec	Feb 14, 2021, 7:11:06 PM	Failed	northamerica-northeast1
wikipedia-omarismail-0215000302-9045d1d3	Batch	Feb 14, 2021, 7:10:55 PM	7 min 48 sec	Feb 14, 2021, 7:03:07 PM	Failed	northamerica-northeast1
wikipedia-omarismail-0214234914-69a6fff0	Batch	Feb 14, 2021, 6:55:15 PM	5 min 56 sec	Feb 14, 2021, 6:49:19 PM	Failed	northamerica-northeast1
wikipedia-omarismail-0214234812-5fe5fd90	Batch	Feb 14, 2021, 6:54:13 PM	5 min 55 sec	Feb 14, 2021, 6:48:18 PM	Failed	northamerica-northeast1
wikipedia-omarismail-0214233642-a6df9a0f	Batch	Feb 14, 2021, 6:42:35 PM	5 min 48 sec	Feb 14, 2021, 6:36:47 PM	Failed	northamerica-northeast1

Job list

The screenshot shows the Google Cloud Platform Dataflow Job List interface. A modal dialog titled "Bookmark added" is open, prompting the user to name the bookmark ("Check Wiki") and choose a folder ("Bookmarks Bar"). The main table lists six failed jobs, all named "wikipedia-omarismail-0215000302-9045d1d3".

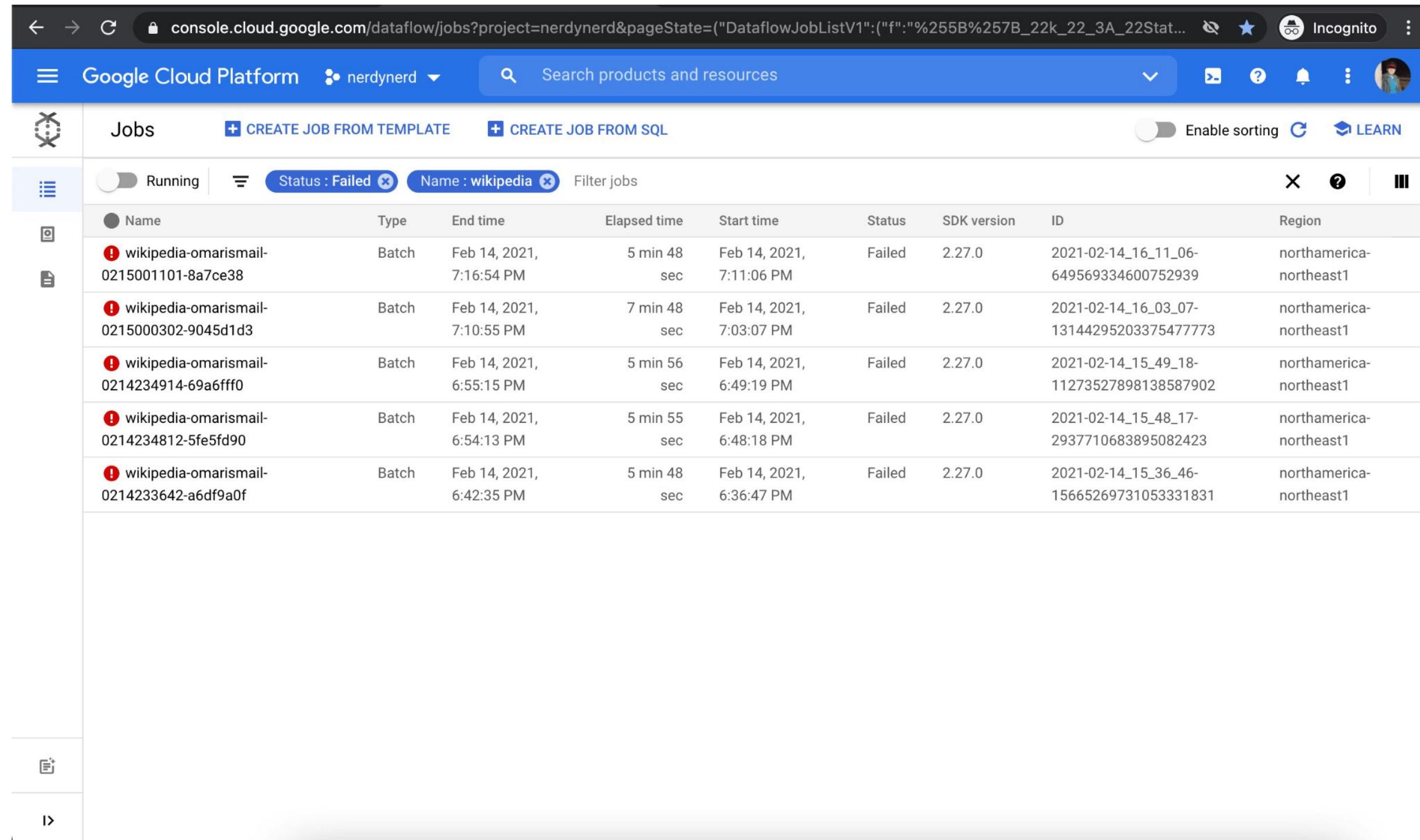
Name	Type	End time	Elapsed time	Start time	Status	Region
wikipedia-omarismail-0215001101-8a7ce38	Batch	Feb 14, 2021, 7:16:54 PM	5 min 48 sec	Feb 14, 2021, 7:11:06 PM	Failed	northamerica-northeast1
wikipedia-omarismail-0215000302-9045d1d3	Batch	Feb 14, 2021, 7:10:55 PM	7 min 48 sec	Feb 14, 2021, 7:03:07 PM	Failed	northamerica-northeast1
wikipedia-omarismail-0214234914-69a6fff0	Batch	Feb 14, 2021, 6:55:15 PM	5 min 56 sec	Feb 14, 2021, 6:49:19 PM	Failed	northamerica-northeast1
wikipedia-omarismail-0214234812-5fe5fd90	Batch	Feb 14, 2021, 6:54:13 PM	5 min 55 sec	Feb 14, 2021, 6:48:18 PM	Failed	northamerica-northeast1
wikipedia-omarismail-0214233642-a6df9a0f	Batch	Feb 14, 2021, 6:42:35 PM	5 min 48 sec	Feb 14, 2021, 6:36:47 PM	Failed	northamerica-northeast1

Job list

The screenshot shows the Google Cloud Platform Dataflow Job List interface. A modal dialog titled "Bookmark added" is open, prompting the user to name the bookmark ("Check Wiki") and choose a folder ("Bookmarks Bar"). The "Done" button is highlighted with a cursor. The main table lists six failed jobs, all named "wikipedia-omarismail-0215000302-9045d1d3".

Name	Type	End time	Elapsed time	Start time	Status	Region
wikipedia-omarismail-0215001101-8a7ce38	Batch	Feb 14, 2021, 7:16:54 PM	5 min 48 sec	Feb 14, 2021, 7:11:06 PM	Failed	northamerica-northeast1
wikipedia-omarismail-0215000302-9045d1d3	Batch	Feb 14, 2021, 7:10:55 PM	7 min 48 sec	Feb 14, 2021, 7:03:07 PM	Failed	northamerica-northeast1
wikipedia-omarismail-0214234914-69a6fff0	Batch	Feb 14, 2021, 6:55:15 PM	5 min 56 sec	Feb 14, 2021, 6:49:19 PM	Failed	northamerica-northeast1
wikipedia-omarismail-0214234812-5fe5fd90	Batch	Feb 14, 2021, 6:54:13 PM	5 min 55 sec	Feb 14, 2021, 6:48:18 PM	Failed	northamerica-northeast1
wikipedia-omarismail-0214233642-a6df9a0f	Batch	Feb 14, 2021, 6:42:35 PM	5 min 48 sec	Feb 14, 2021, 6:36:47 PM	Failed	northamerica-northeast1

Job list



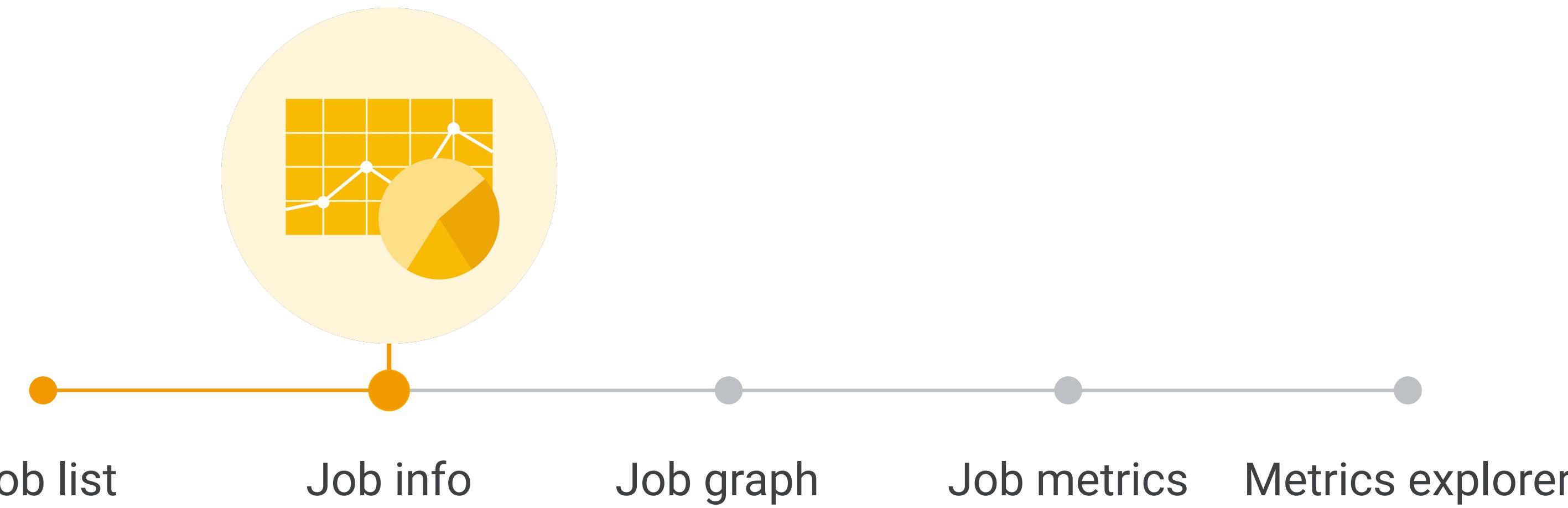
The screenshot shows the Google Cloud Platform Dataflow Job List interface. The URL in the browser is `console.cloud.google.com/dataflow/jobs?project=nerdynerd&pageState={"DataflowJobListV1":("f":"%255B%257B_22k_22_3A_22Stat...}`. The page title is "Google Cloud Platform" and the project is "nerdynerd". A search bar at the top right contains "Search products and resources". Below the header, there are two buttons: "+ CREATE JOB FROM TEMPLATE" and "+ CREATE JOB FROM SQL". A toggle switch labeled "Enable sorting" and a "LEARN" button are also present.

The main area displays a table of jobs. The columns are: Name, Type, End time, Elapsed time, Start time, Status, SDK version, ID, and Region. There are five rows, each representing a failed job named "wikipedia-omarismail-0215001101-8a7ce38", "wikipedia-omarismail-0215000302-9045d1d3", "wikipedia-omarismail-0214234914-69a6fff0", "wikipedia-omarismail-0214234812-5fe5fd90", and "wikipedia-omarismail-0214233642-a6df9a0f". All jobs are of type "Batch" and ended on "Feb 14, 2021, 7:16:54 PM". The status for all is "Failed" with an elapsed time of "5 min 48 sec". The start time for all is "Feb 14, 2021, 7:11:06 PM". The SDK version is "2.27.0" and the ID is a long string starting with "2021-02-14_16_11_06-649569334600752939". The region for all is "northamerica-northeast1".

Name	Type	End time	Elapsed time	Start time	Status	SDK version	ID	Region
wikipedia-omarismail-0215001101-8a7ce38	Batch	Feb 14, 2021, 7:16:54 PM	5 min 48 sec	Feb 14, 2021, 7:11:06 PM	Failed	2.27.0	2021-02-14_16_11_06-649569334600752939	northamerica-northeast1
wikipedia-omarismail-0215000302-9045d1d3	Batch	Feb 14, 2021, 7:10:55 PM	7 min 48 sec	Feb 14, 2021, 7:03:07 PM	Failed	2.27.0	2021-02-14_16_03_07-13144295203375477773	northamerica-northeast1
wikipedia-omarismail-0214234914-69a6fff0	Batch	Feb 14, 2021, 6:55:15 PM	5 min 56 sec	Feb 14, 2021, 6:49:19 PM	Failed	2.27.0	2021-02-14_15_49_18-11273527898138587902	northamerica-northeast1
wikipedia-omarismail-0214234812-5fe5fd90	Batch	Feb 14, 2021, 6:54:13 PM	5 min 55 sec	Feb 14, 2021, 6:48:18 PM	Failed	2.27.0	2021-02-14_15_48_17-2937710683895082423	northamerica-northeast1
wikipedia-omarismail-0214233642-a6df9a0f	Batch	Feb 14, 2021, 6:42:35 PM	5 min 48 sec	Feb 14, 2021, 6:36:47 PM	Failed	2.27.0	2021-02-14_15_36_46-15665269731053331831	northamerica-northeast1

Monitoring

Agenda



Job info panel

← bigquerytotfre... ■ STOP ⋮ ⚡ SHARE MAX TIME ▾ Job info >

JOB GRAPH JOB METRICS

```
graph TD; A[RecordToExample] --> B[ReshuffleResults]; B --> C[Partition]; C --> D[WriteTFValidationRecord]; C --> E[WriteTFTestingRecord]; C --> F[WriteTFTrainingRecord];
```

The job graph consists of six stages connected sequentially. Stage 1: RecordToExample (Running, 0 of 9 stages succeeded). Stage 2: ReshuffleResults (Starting..., 0 of 2 stages succeeded). Stage 3: Partition (Starting..., 0 of 1 stage succeeded). Stage 4: WriteTFValidationRecord (Starting..., 0 of 5 stages succeeded). Stage 5: WriteTFTestingRecord (Starting..., 0 of 5 stages succeeded). Stage 6: WriteTFTrainingRecord (Starting..., 0 of 5 stages succeeded).

Logs SHOW

Job name	bigquerytotfrecord-omarismail-0215013103-beba221d
Job ID	2021-02-14_17_31_10-13592187235841534836
Job type	Batch
Job status	Running
SDK version	Apache Beam SDK for Java 2.27.0
Job region	northamerica-northeast1
Worker location	northamerica-northeast1-c
Current workers	1
Latest worker status	Worker pool started.
Start time	February 14, 2021 at 8:31:11 PM GMT-5
Elapsed time	1 min 46 sec
Encryption type	Google-managed key

Resource metrics

Current vCPUs	1
Total vCPU time	0.017 vCPU hr
Current memory	3.75 GB
Total memory time	0.063 GB hr
Current HDD PD	25 GB

Job info panel

← bigquerytotfre... ■ STOP ⋮ ⚡ SHARE MAX TIME ▾

JOB GRAPH JOB METRICS

```
graph TD; A[RecordToExample] --> B[ReshuffleResults]; B --> C[Partition]; C --> D[WriteTFValidationRecord]; C --> E[WriteTFTestingRecord]; C --> F[WriteTFFormatRecord]
```

Job info

Job name	bigquerytotfrecord-omarismail-0215013103-beba221d
Job ID	2021-02-14_17_31_10-13592187235841534836
Job type	Batch
Job status	Running
SDK version	Apache Beam SDK for Java 2.27.0
Job region	northamerica-northeast1
Worker location	northamerica-northeast1-c
Current workers	1
Latest worker status	Worker pool started.
Start time	February 14, 2021 at 8:31:11 PM GMT-5
Elapsed time	1 min 46 sec
Encryption type	Google-managed key

Resource metrics

Current vCPUs	1
Total vCPU time	0.017 vCPU hr
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Current HDD PD	25 GB

Logs ⚡ SHOW

Job info panel

← bigquerytotfre... ■ STOP ⋮ ⚡ SHARE MAX TIME ▾

JOB GRAPH JOB METRICS

The job graph displays the following stages:

- RecordToExample**: Running, 10 sec, 0 of 9 stages succeeded.
- ReshuffleResults**: Starting..., 0 sec, 0 of 2 stages succeeded.
- Partition**: Starting..., 0 sec, 0 of 1 stage succeeded.
- WriteTFValidationRecord**: Starting..., 0 sec, 0 of 5 stages succeeded.
- WriteTFTestingRecord**: Starting..., 0 sec, 0 of 5 stages succeeded.
- WriteTFFormingRecord**: Starting..., 0 sec, 0 of 5 stages succeeded.

Logs SHOW ▾

Job info ▾

Resource metrics ▾

Current vCPUs	1
Total vCPU time	0.019 vCPU hr
Current memory	3.75 GB
Total memory time	0.073 GB hr
Current HDD PD	25 GB
Total HDD PD time	0.486 GB hr
Current SSD PD	0 B
Total SSD PD time	0 GB hr

Pipeline options ▾

runner	org.apache.beam.runners.dataflow.D
filesToStage	[/Library/Java/JavaVirtualMachines/...
...	SEE ALL
appName	BigQueryToTFRecord
validationPercentage	0.1
testingPercentage	0.2
trainingPercentage	0.7
readQuery	SELECT * FROM `bigquery-public-d...
tempLocation	gs://dataflow-staging-us-central1-51...
outputDirectory	gs://dataflow-fun/batch_small/

Job info panel

JOB GRAPH

```
graph TD; A[RecordToExample] --> B[ReshuffleResults]; B --> C[Partition]; C --> D[WriteTFValidationRecord]; C --> E[WriteTFTestingRecord]; C --> F[WriteTFTTrainingRecord]
```

JOB METRICS

Job info

Resource metrics

Current vCPUs	1
Total vCPU time	0.019 vCPU hr
Current memory	3.75 GB
Total memory time	0.073 GB hr
Current HDD PD	25 GB
Total HDD PD time	0.486 GB hr
Current SSD PD	0 B
Total SSD PD time	0 GB hr

Pipeline options

runner	org.apache.beam.runners.dataflow.DataflowRunner
filesToStage	/Library/Java/JavaVirtualMachines/jdk-11.0.1.jdk/Contents/Home/jre/lib
...	...
SEE ALL	
appName	BigQueryToTFRecord
validationPercentage	0.1
testingPercentage	0.2
trainingPercentage	0.7
readQuery	SELECT * FROM `bigquery-public-data`
tempLocation	gs://dataflow-staging-us-central1-510816/
outputDirectory	gs://dataflow-fun/batch_small/

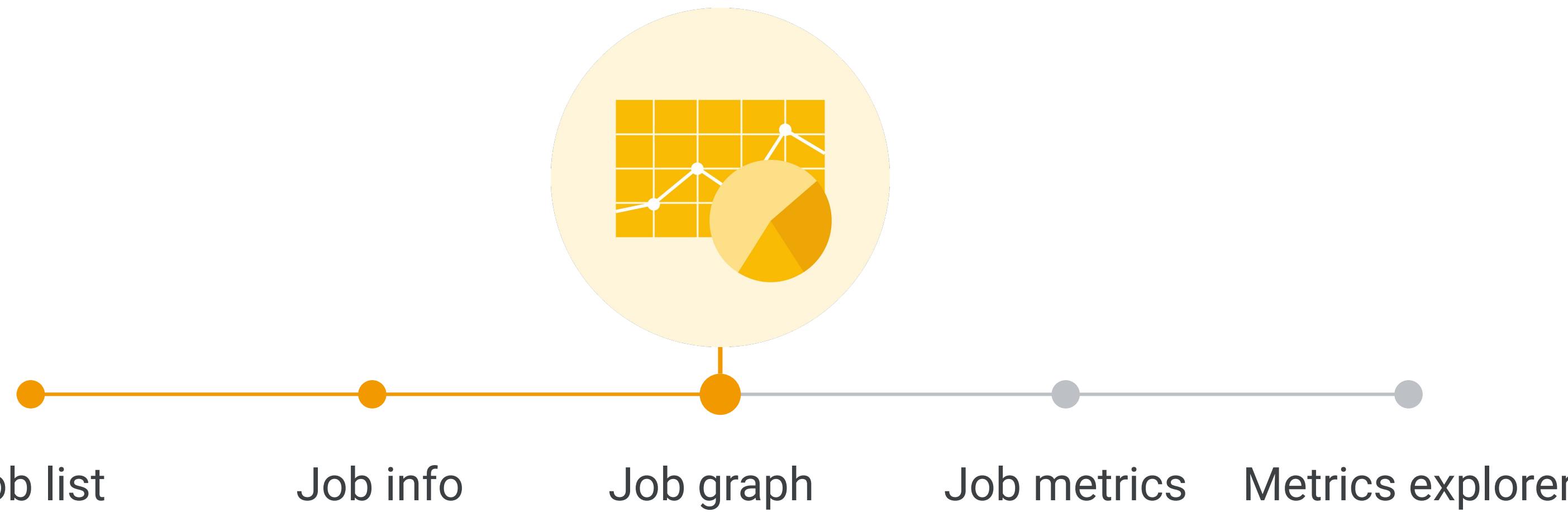
Logs

SHOW

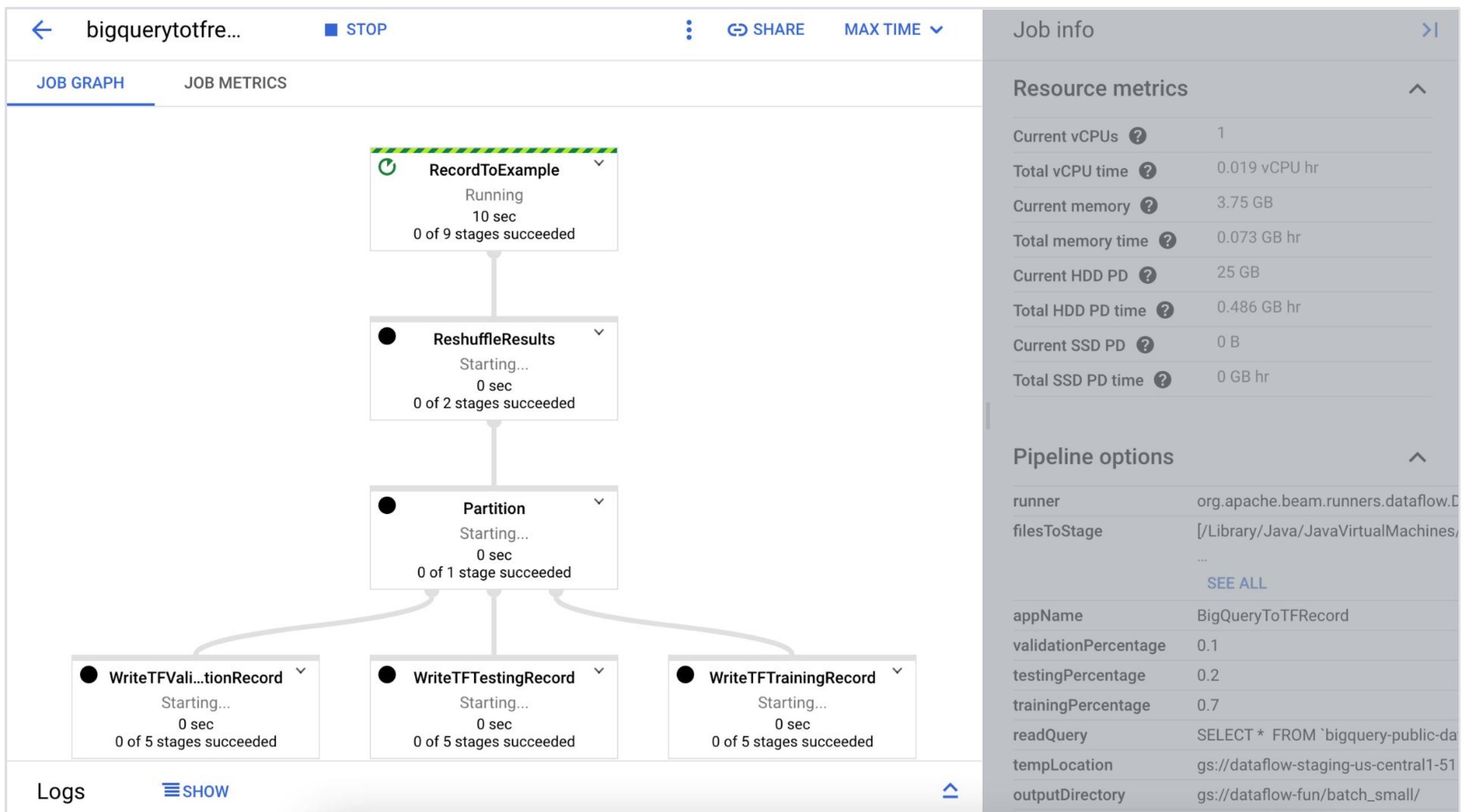


Monitoring

Agenda



Job graph



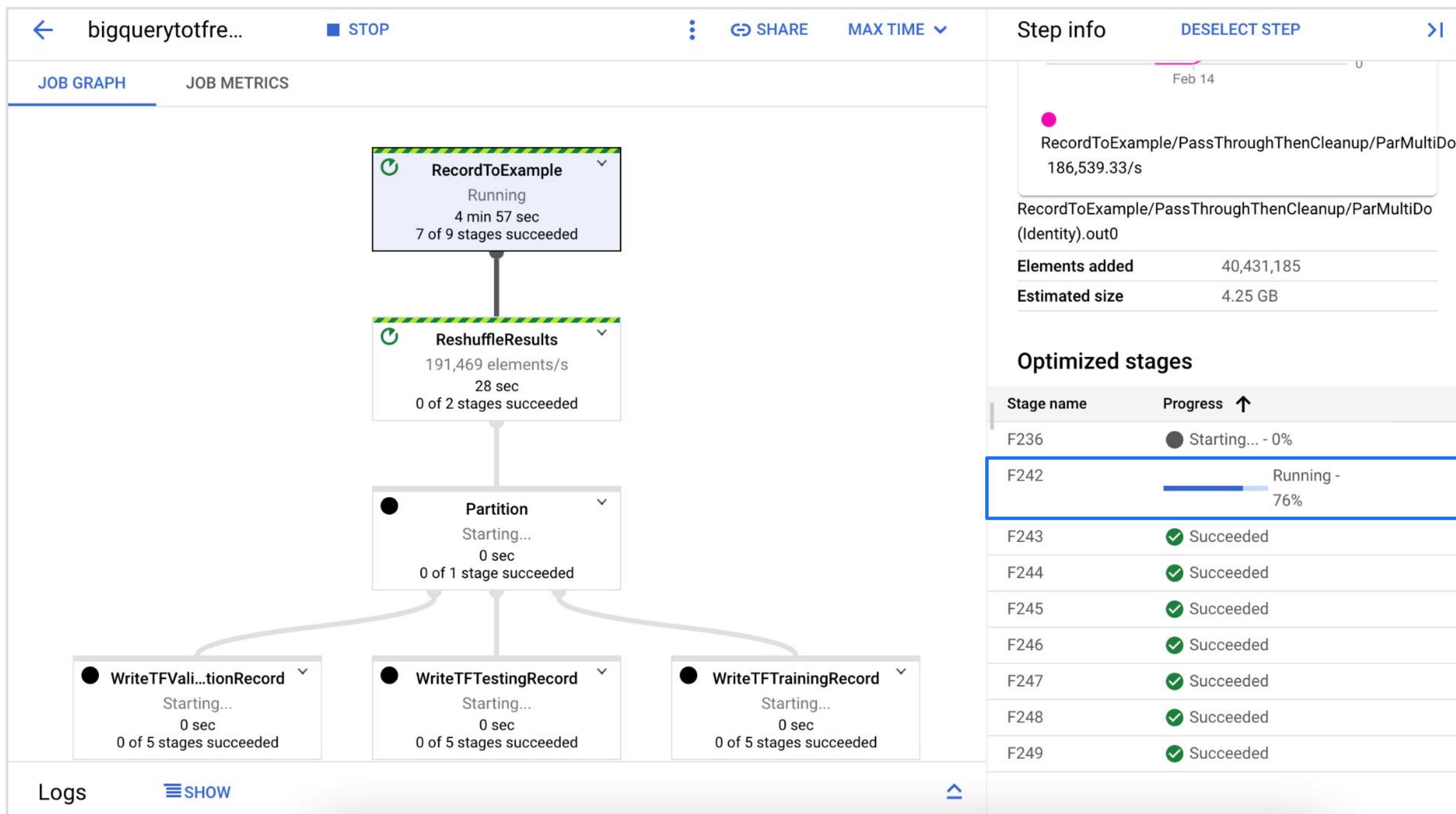
Steps and substeps



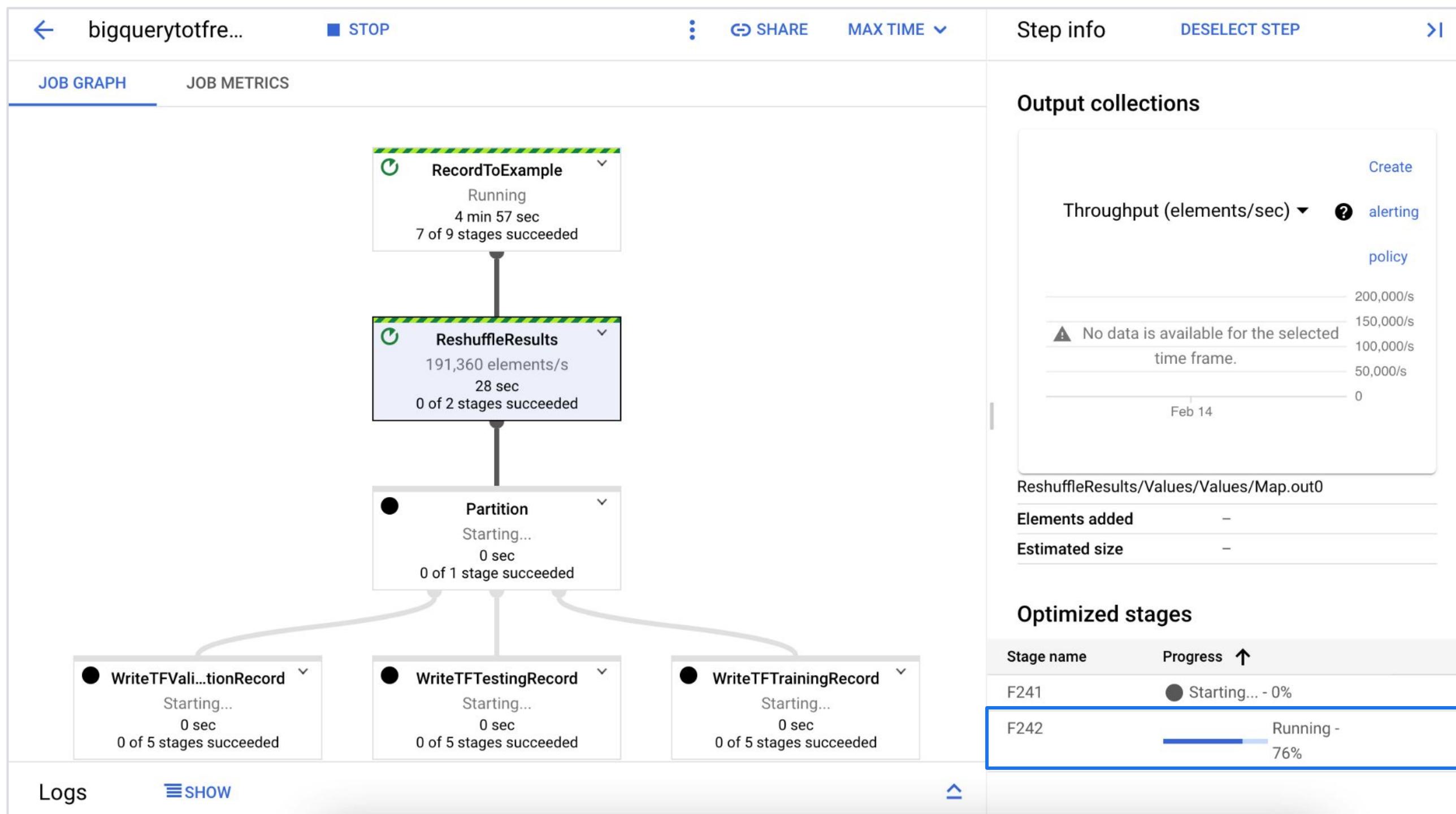
Steps and substeps



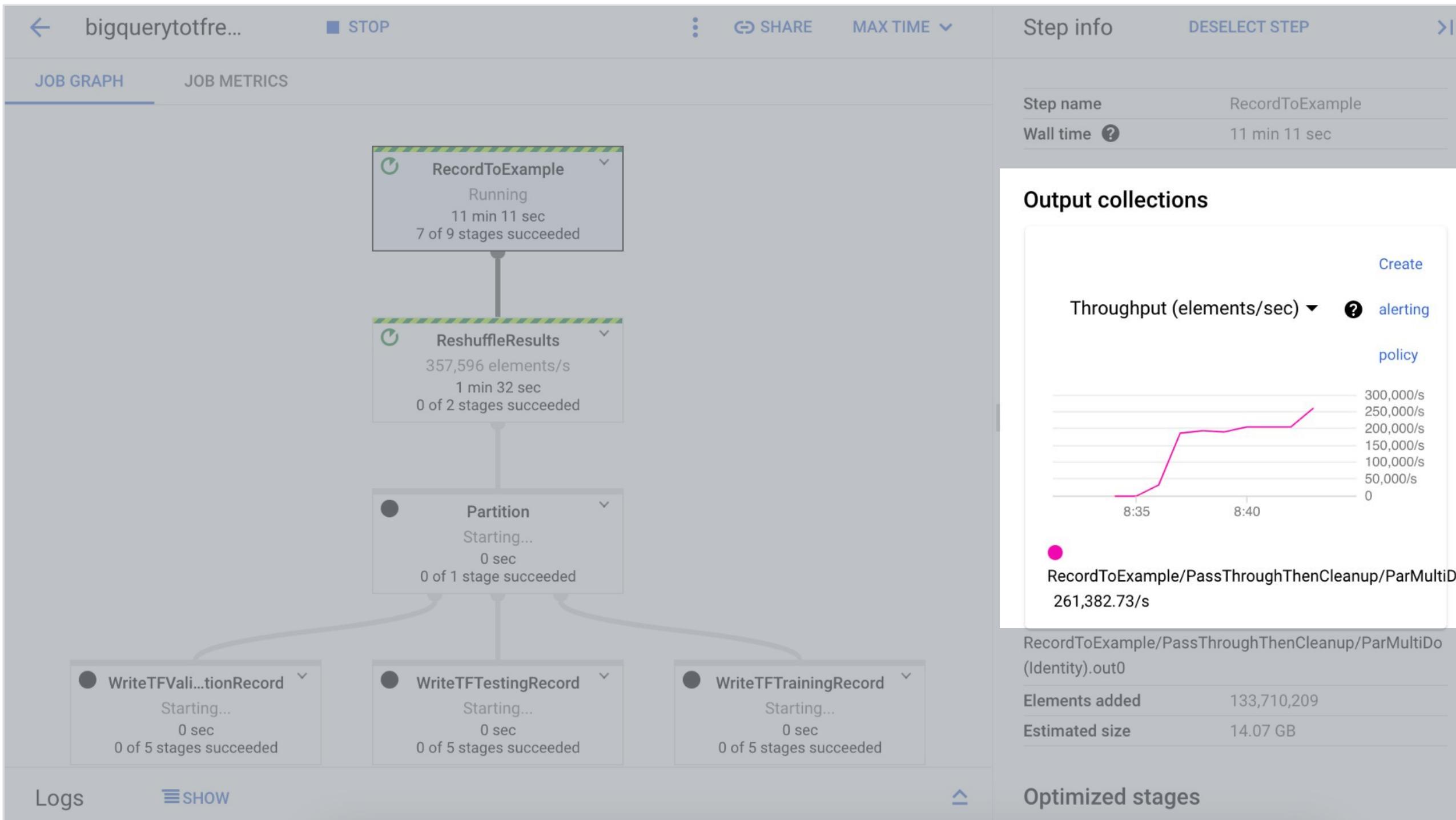
Fused stages



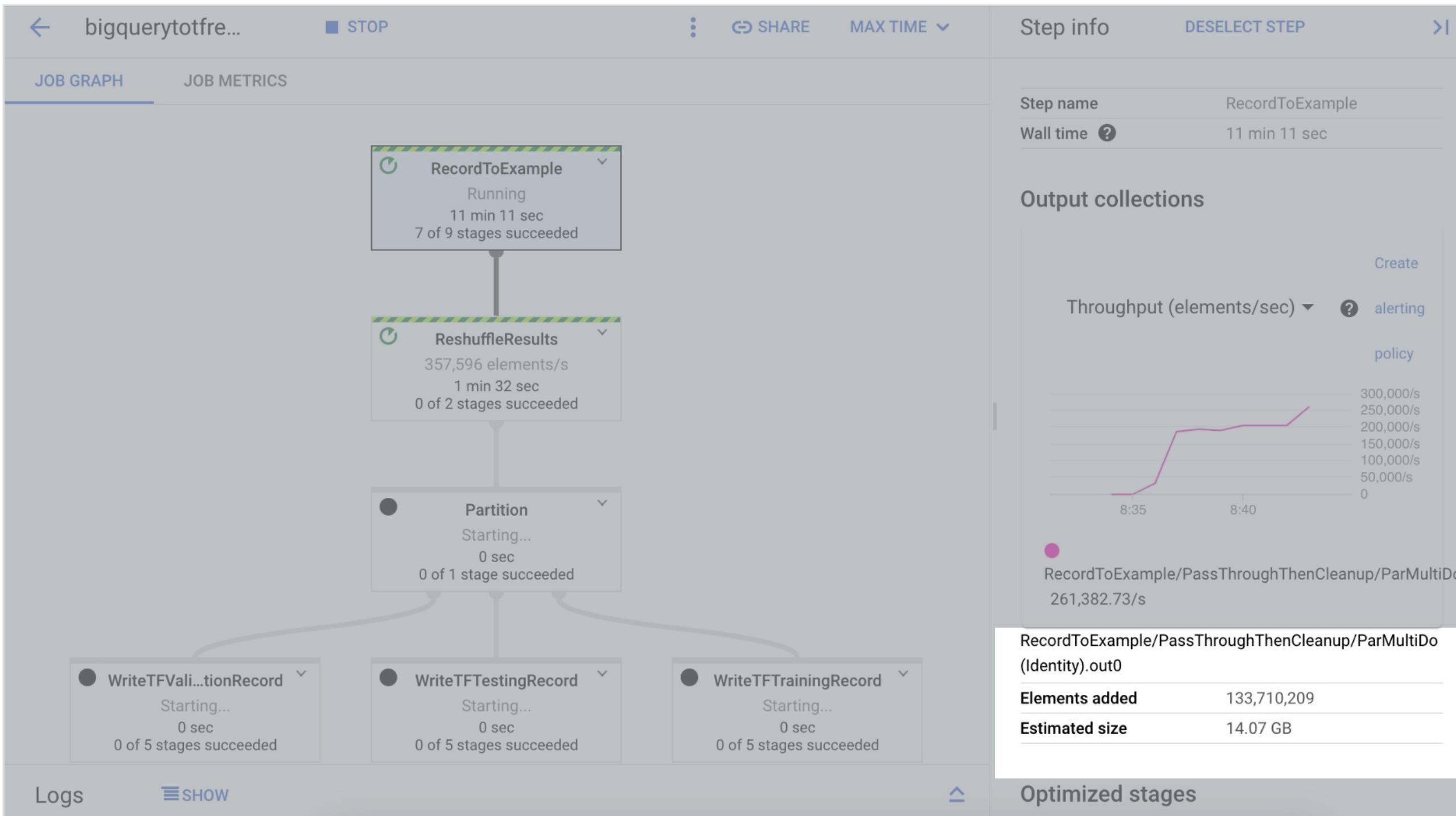
Fused stages



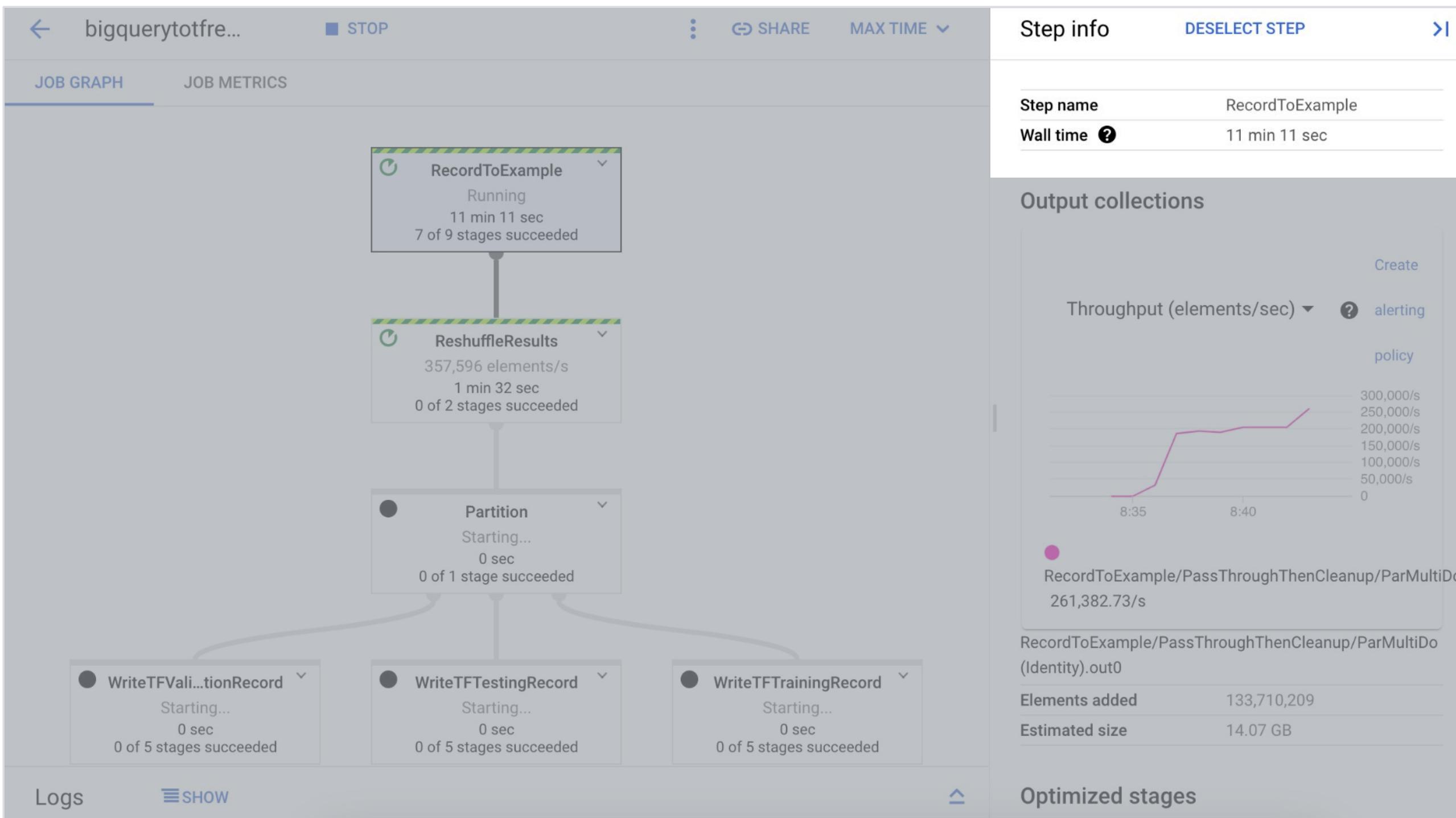
Step metrics



Step metrics



Step metrics



Job completion

← bigquerytotfre...

JOB GRAPH JOB METRICS

SHARE MAX TIME

RecordToExample Succeeded 12 min 58 sec 9 of 9 stages succeeded

ReshuffleResults Succeeded 9 min 19 sec 2 of 2 stages succeeded

Partition 101,535 elements/s 43 sec 1 of 1 stage succeeded

WriteTFValidationRecord 10,157 elements/s 51 sec 5 of 5 stages succeeded

WriteTFTestingRecord 20,306 elements/s 1 min 29 sec 5 of 5 stages succeeded

WriteTFTTrainingRecord 71,072 elements/s 4 min 24 sec 5 of 5 stages succeeded

Logs SHOW

Job info

Job status	SUCCEEDED
SDK version	Apache Beam SDK for Java 2.27.0
Job region	northamerica-northeast1
Worker location	northamerica-northeast1-c
Current workers	0
Latest worker status	Worker pool stopped.
Start time	February 14, 2021 at 8:31:11 PM GMT-5
Elapsed time	20 min 19 sec
Encryption type	Google-managed key

Resource metrics

Current vCPUs	4
Total vCPU time	0.658 vCPU hr
Current memory	15 GB
Total memory time	2.469 GB hr
Current HDD PD	100 GB
Total HDD PD time	16.459 GB hr
Current SSD PD	0 B
Total SSD PD time	0 GB hr
Total Shuffle data processed	34.24 GB

Custom metrics

- Counter
 - Increment and decrement
- Distribution
 - COUNT, MIN, MAX, MEAN
- Gauge
 - Latest value

Custom metrics

← wordcount-o... ⋮ ⌂ SHARE MAX TIME ▾ Job info ➞

JOB GRAPH JOB METRICS

```
graph TD; A[ReadLines] --> B[WordCount.CountWords]; B --> C[MapElements]; C --> D[WriteCounts]
```

Resource metrics

Current vCPUs	1
Total vCPU time	0.021 vCPU hr
Current memory	3.75 GB
Total memory time	0.078 GB hr
Current HDD PD	250 GB
Total HDD PD time	5.206 GB hr
Current SSD PD	0 B
Total SSD PD time	0 GB hr

Custom counters

Filter by counter name, value or step

Counter name	Value	Step
emptyLines	1,663	WordCount.CountWords/ParDo(ExtractWords)
lineLenDistro_COUNT	5,525	WordCount.CountWords/ParDo(ExtractWords)
lineLenDistro_MAX	69	WordCount.CountWords/ParDo(ExtractWords)
lineLenDistro_MEAN	27	WordCount.CountWords/ParDo(ExtractWords)
lineLenDistro_MIN	0	WordCount.CountWords/ParDo(ExtractWords)

Custom metrics

← wordcount-o... ⋮ [SHARE](#) MAX TIME ▾

[JOB GRAPH](#) [JOB METRICS](#)

The job graph displays four stages: **ReadLines** (Succeeded, 1 sec, 1 of 1 stage succeeded), **WordCount.CountWords** (Succeeded, 1 sec, 2 of 2 stages succeeded), **MapElements** (Succeeded, 0 sec, 1 of 1 stage succeeded), and **WriteCounts** (Succeeded, 3 sec, 4 of 4 stages succeeded). Each stage is represented by a green bar with a checkmark icon.

[Logs](#) [SHOW](#)

Job info >|

Resource metrics

Current vCPUs	1
Total vCPU time	0.021 vCPU hr
Current memory	3.75 GB
Total memory time	0.078 GB hr
Current HDD PD	250 GB
Total HDD PD time	5.206 GB hr
Current SSD PD	0 B
Total SSD PD time	0 GB hr

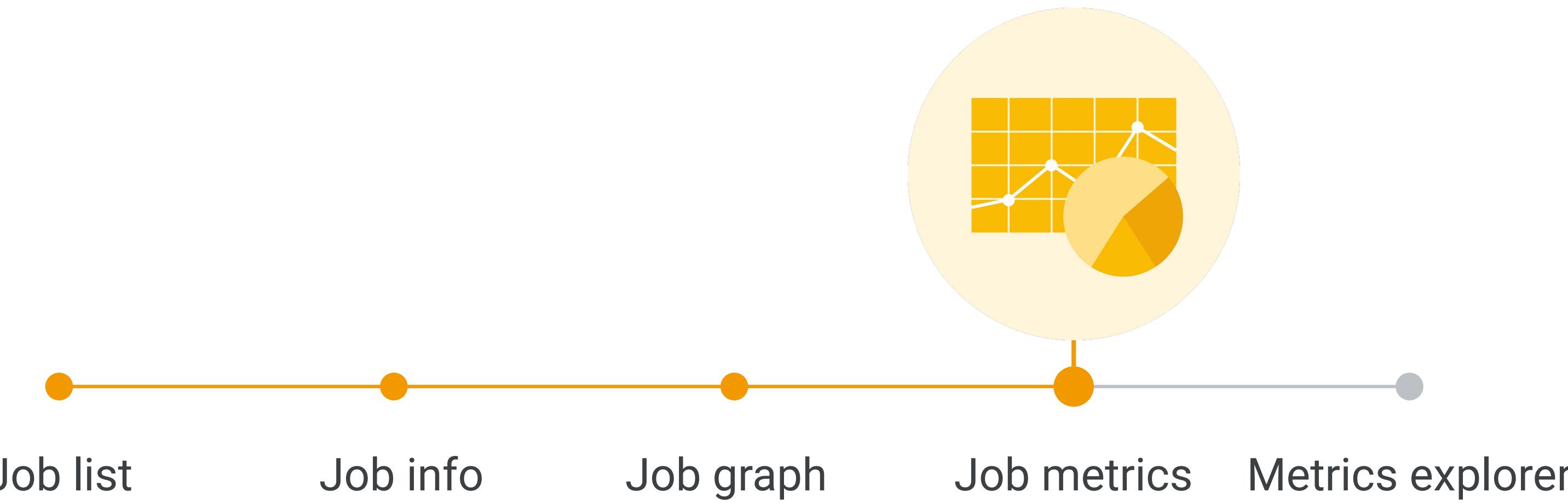
Custom counters

Filter by counter name, value or step

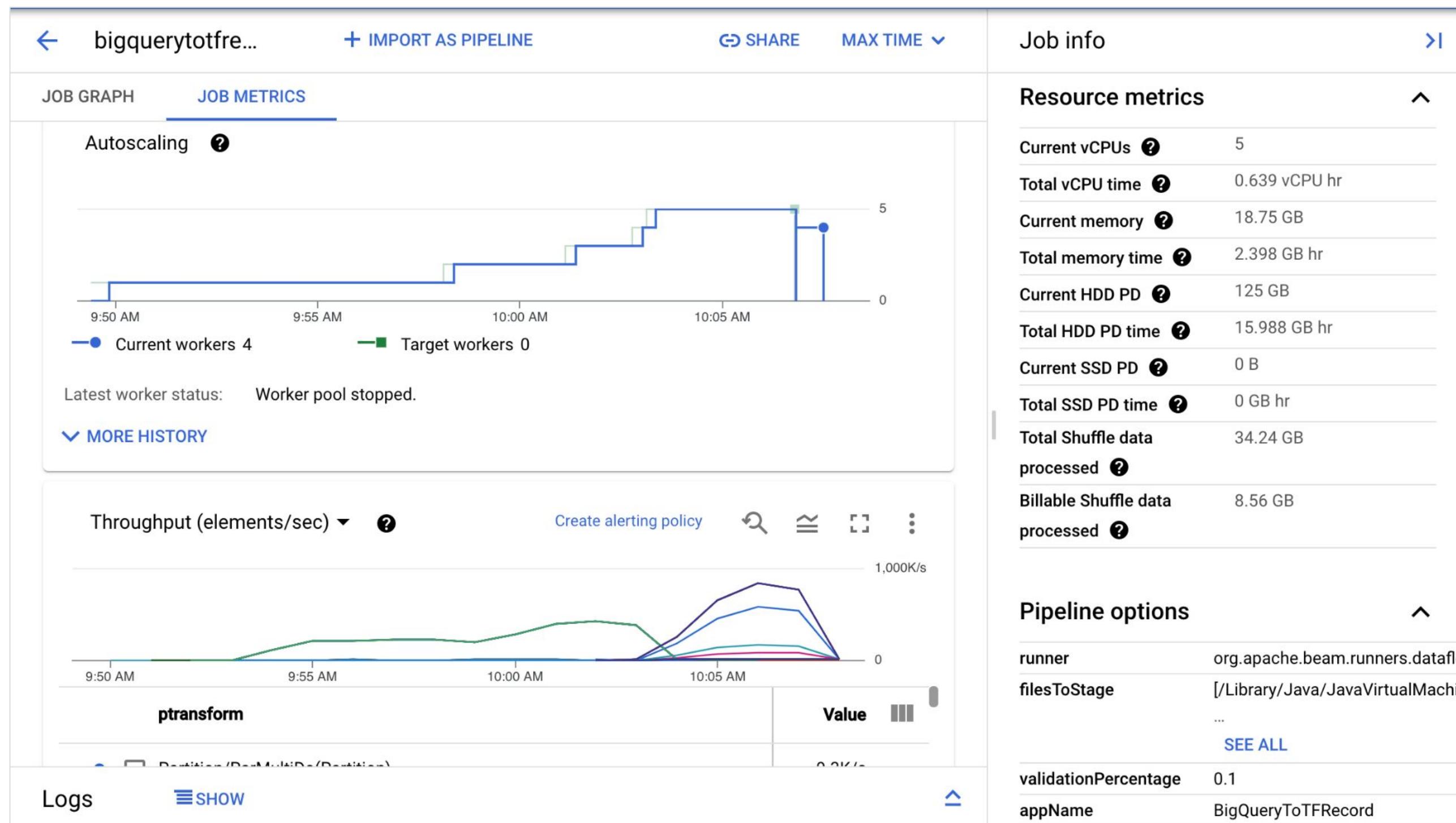
Counter name	Value	Step
emptyLines	1,663	WordCount.CountWords/ParDo(ExtractWords)
lineLenDistro_COUNT	5,525	WordCount.CountWords/ParDo(ExtractWords)
lineLenDistro_MAX	69	WordCount.CountWords/ParDo(ExtractWords)
lineLenDistro_MEAN	27	WordCount.CountWords/ParDo(ExtractWords)
lineLenDistro_MIN	0	WordCount.CountWords/ParDo(ExtractWords)

Monitoring

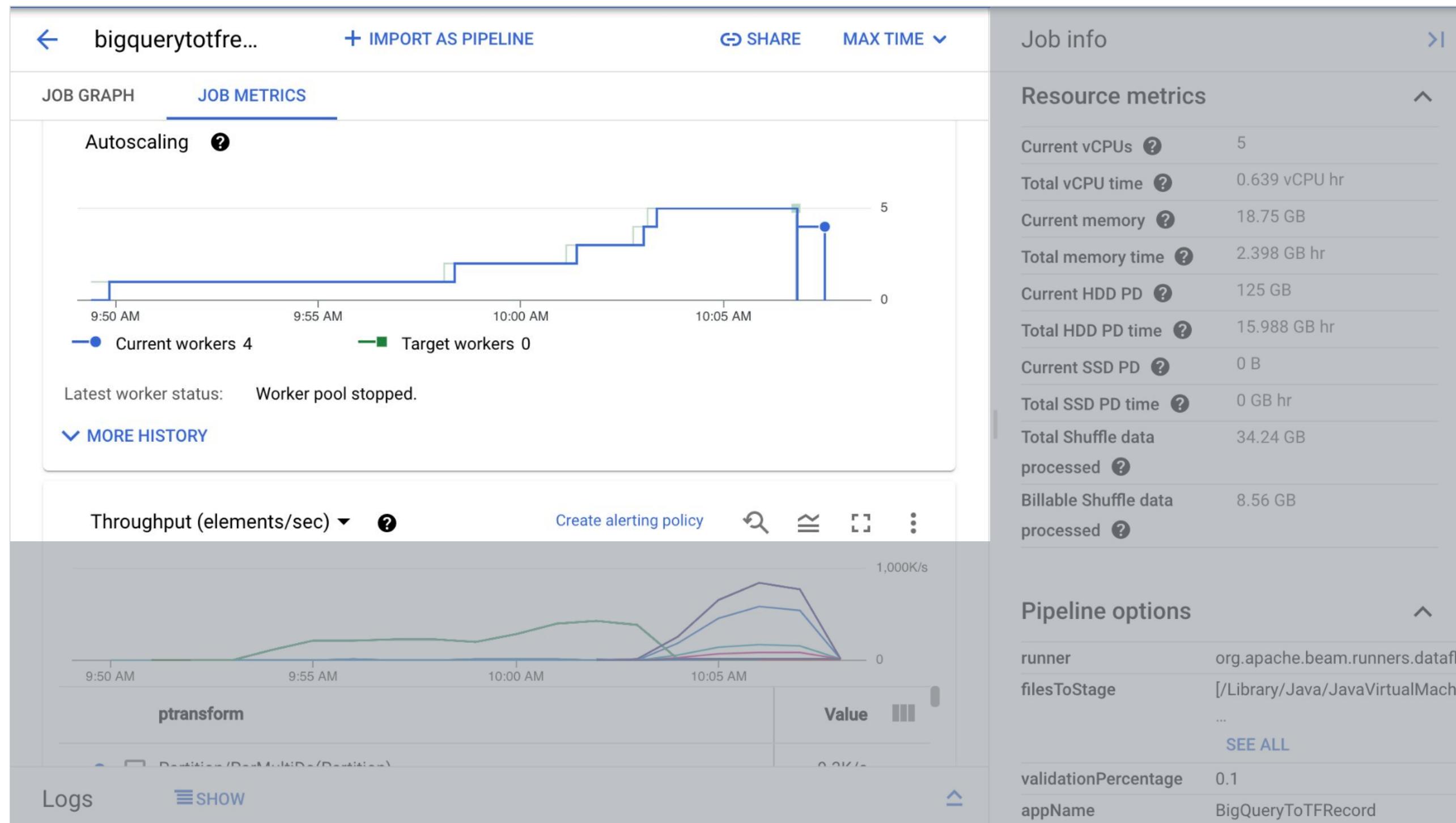
Agenda



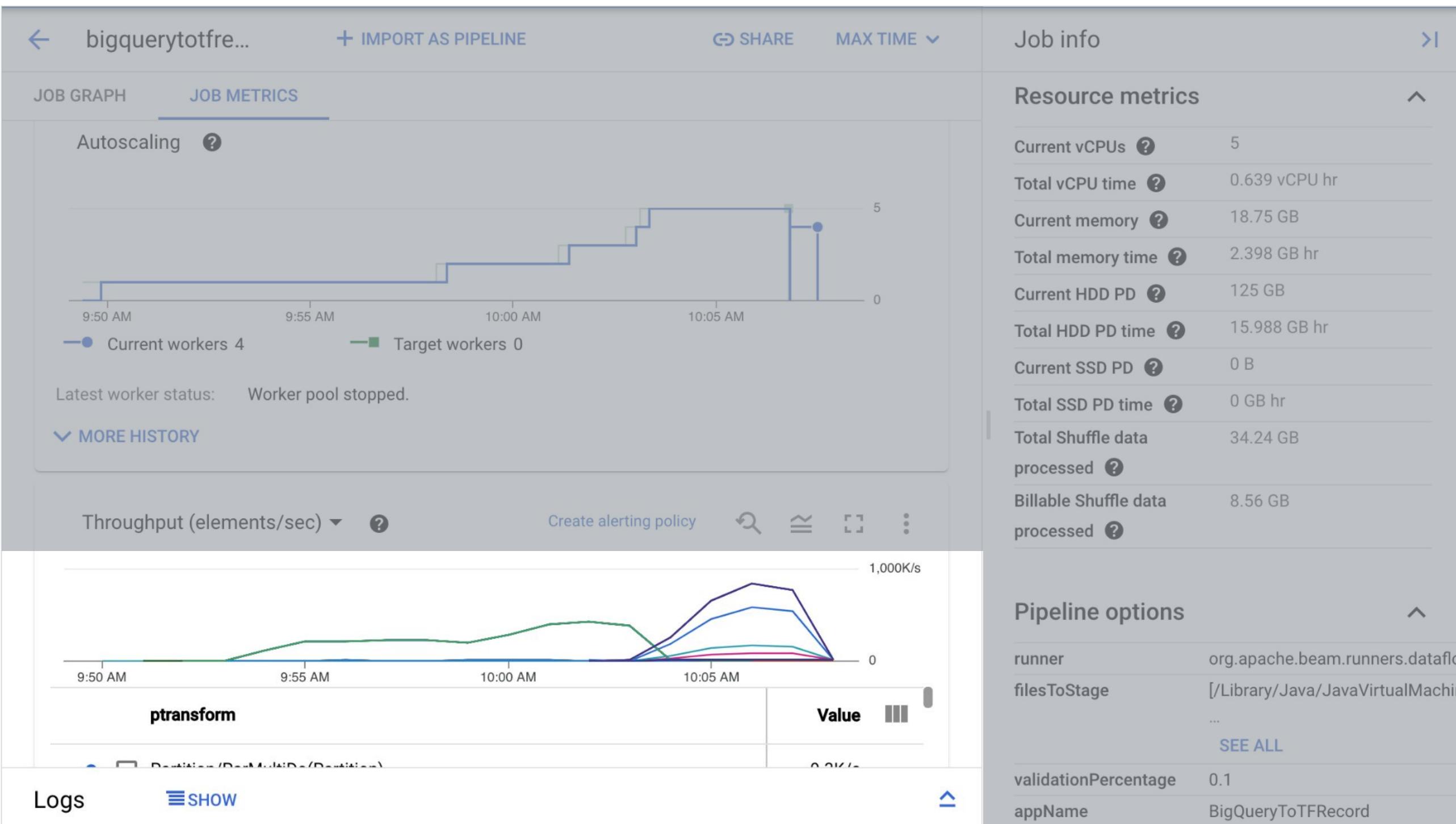
Job Metrics tab: Batch



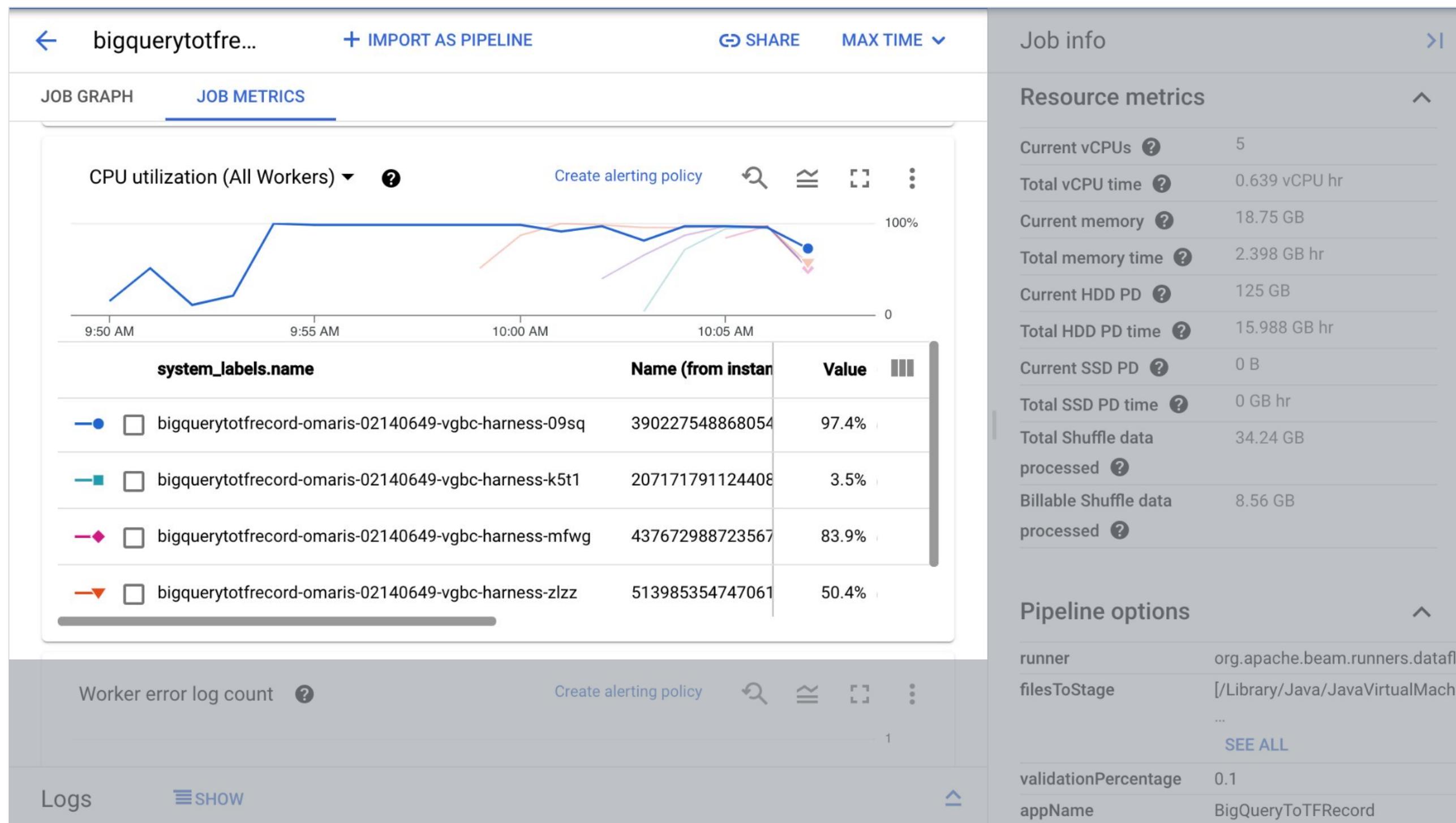
Job Metrics tab: Batch



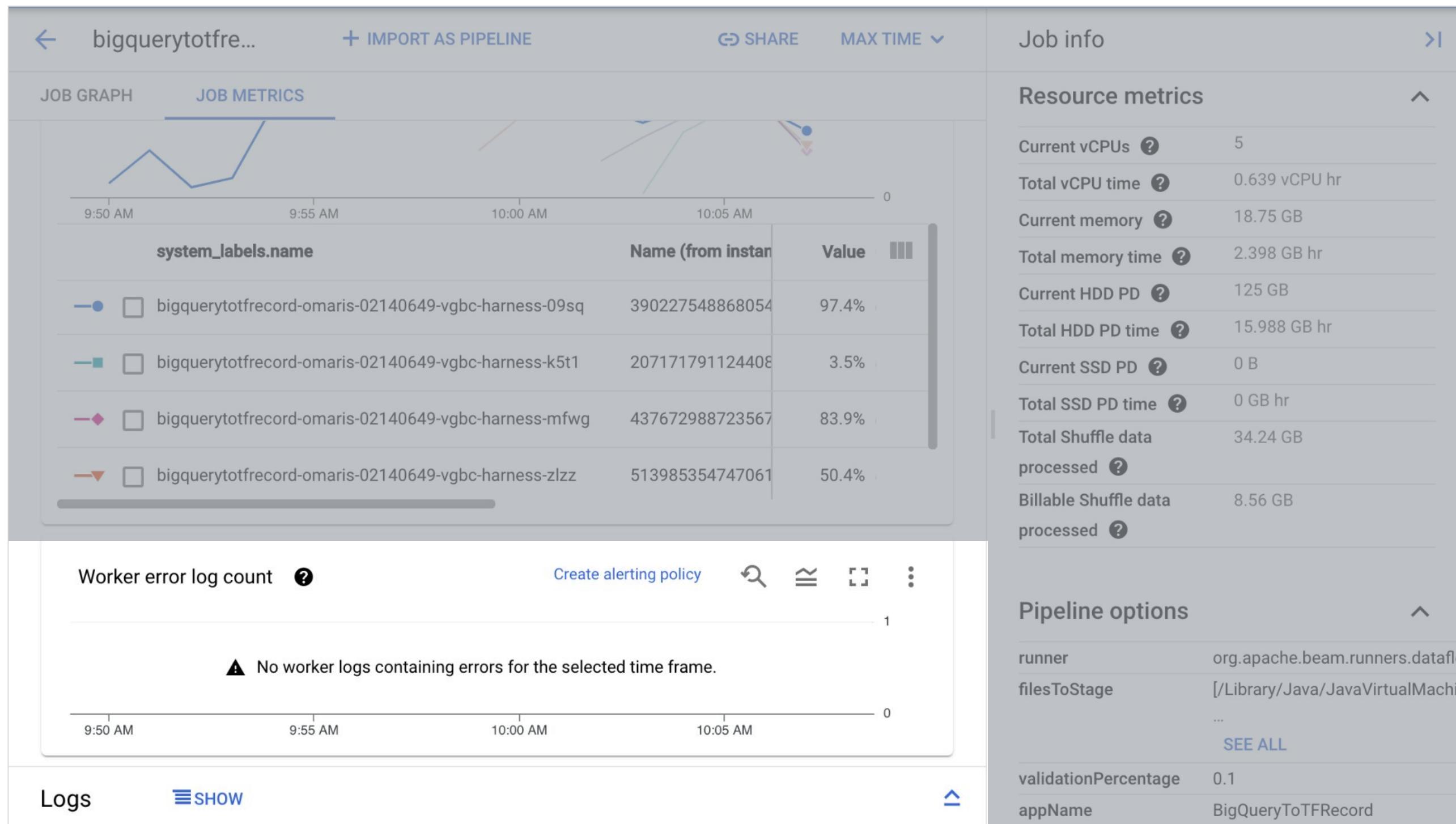
Job Metrics tab: Batch



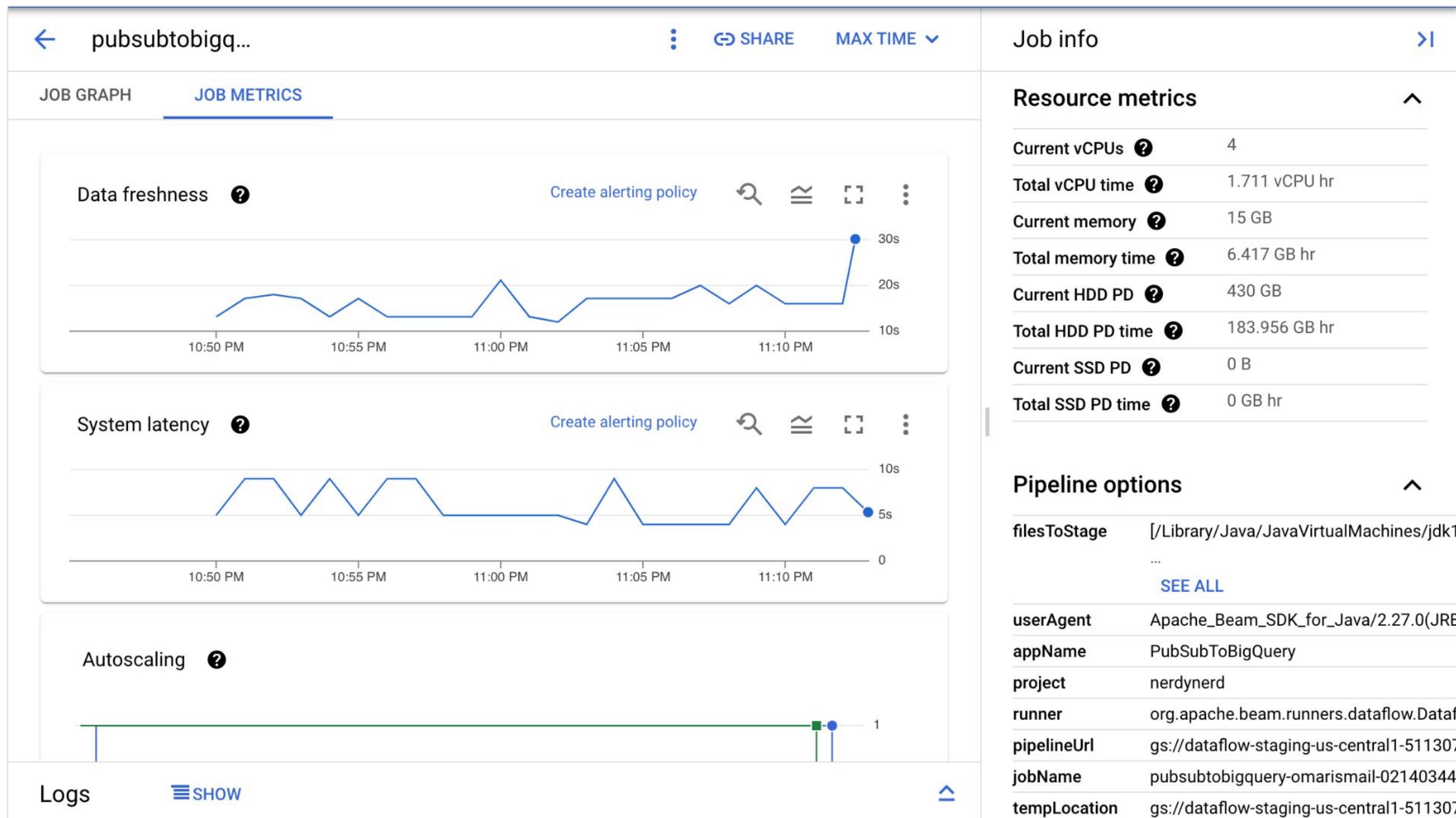
Job Metrics tab: Batch



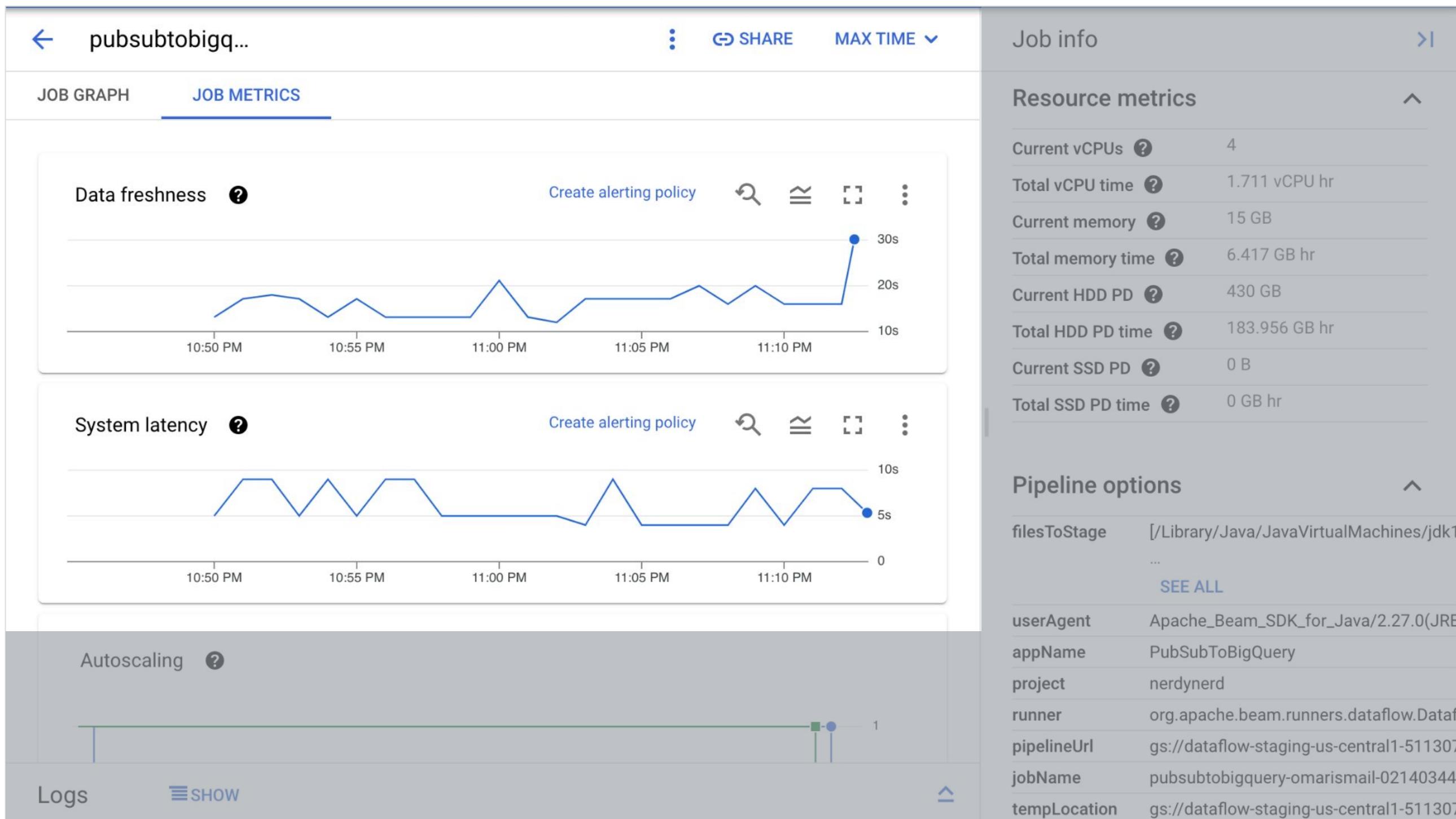
Job Metrics tab: Batch



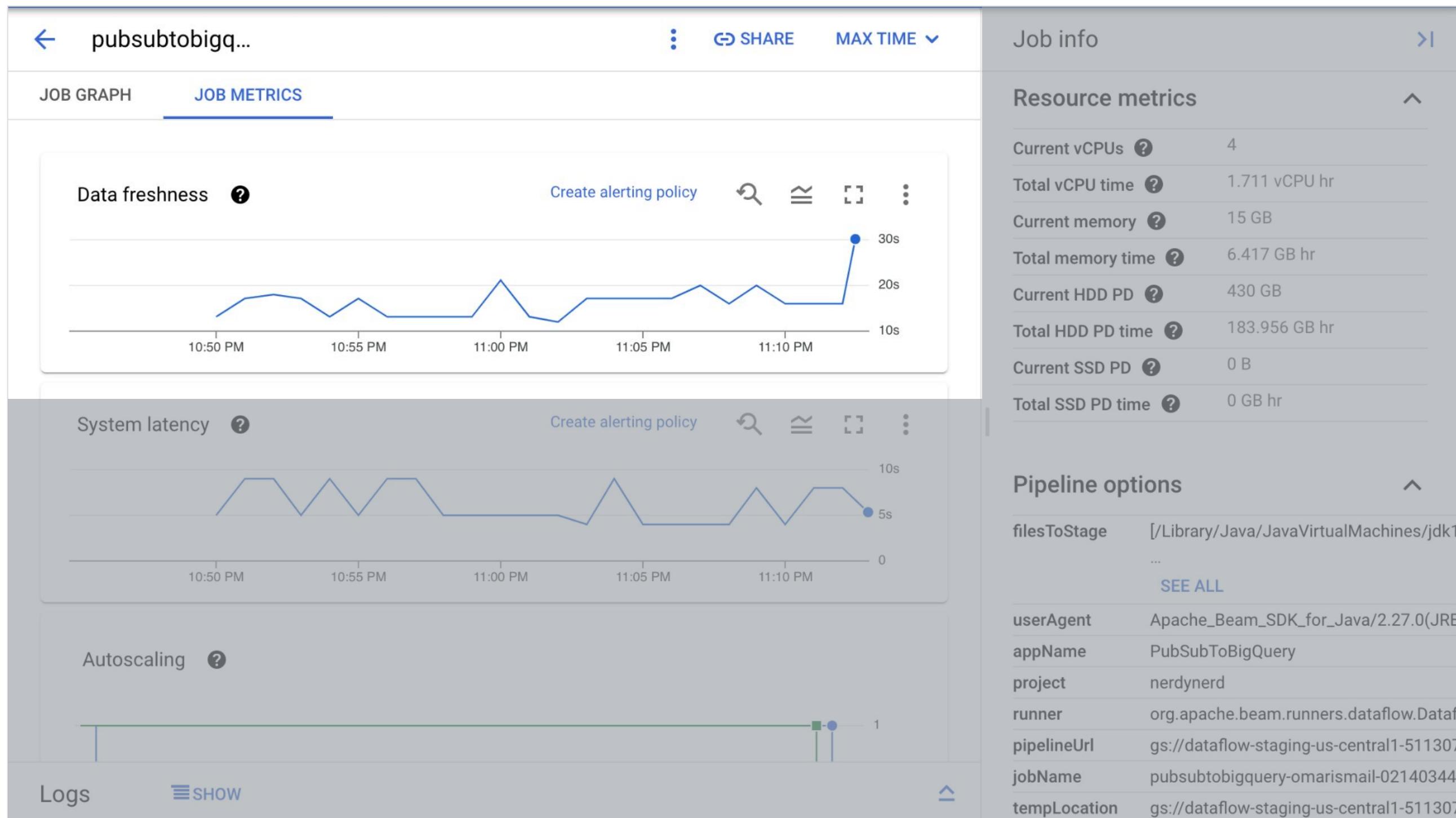
Job Metrics tab: Streaming



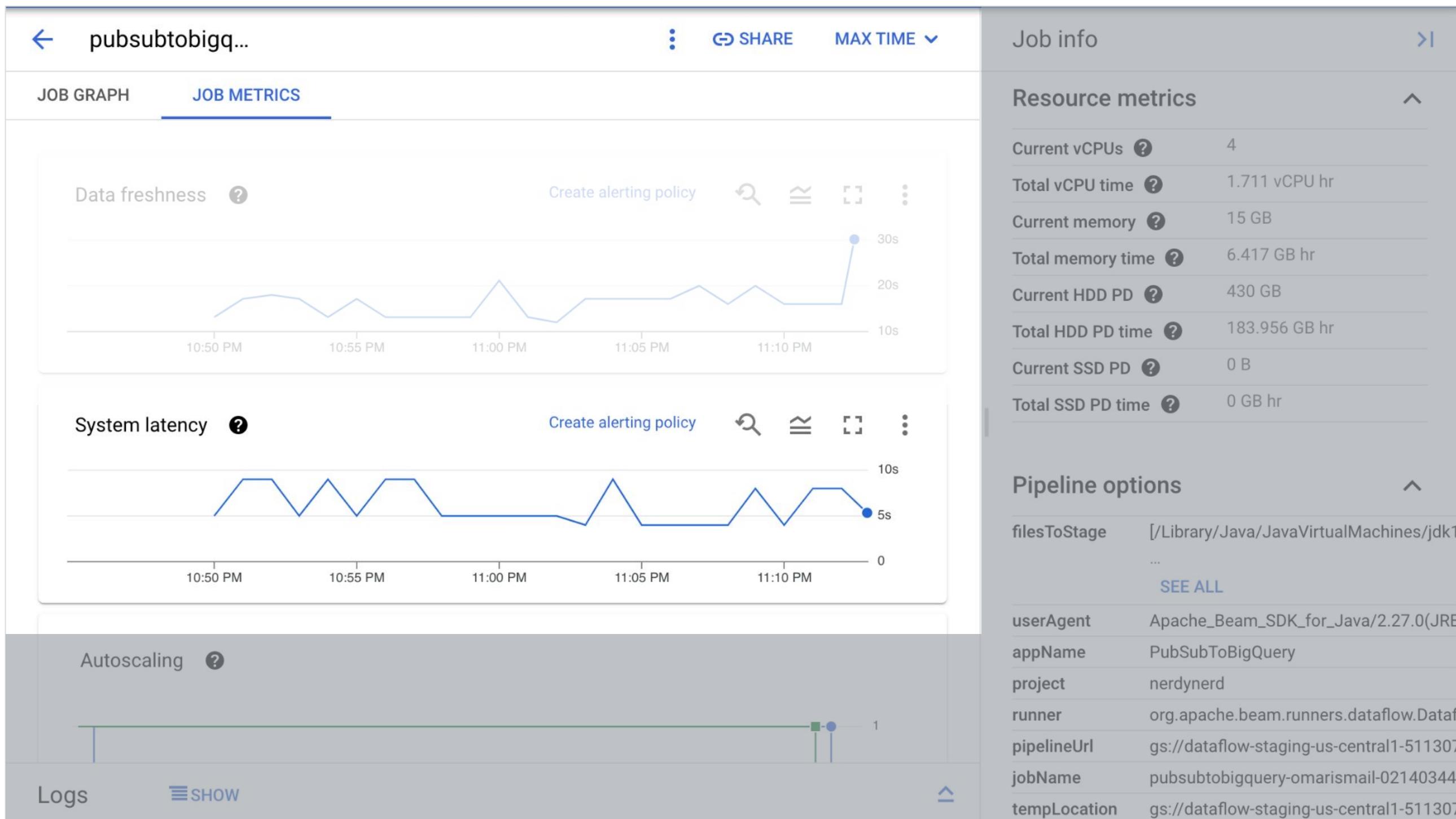
Job Metrics tab: Streaming



Job Metrics tab: Streaming



Job Metrics tab: Streaming



Job Metrics tab: Streaming

← pubsubtobigq... ⋮ SHARE MAX TIME ▾

JOB GRAPH JOB METRICS

Input Metrics

All Pub/Sub subscriptions

Requests per sec

Create alerting policy

10/s

10:50 PM 10:55 PM 11:00 PM 11:05 PM 11:10 PM 0

—● data 6.2/s

Response errors per sec by error type Create alerting policy

⚠ No data is available for the selected time frame. This chart will remain empty until the first error occurs.

1

10:50 PM 10:55 PM 11:00 PM 11:05 PM 11:10 PM 0

Logs

Job info

Resource metrics

Current vCPUs	4
Total vCPU time	1.711 vCPU hr
Current memory	15 GB
Total memory time	6.417 GB hr
Current HDD PD	430 GB
Total HDD PD time	183.956 GB hr
Current SSD PD	0 B
Total SSD PD time	0 GB hr

Pipeline options

filesToStage	/Library/Java/JavaVirtualMachines/jdk1...
	SEE ALL
userAgent	Apache_Beam_SDK_for_Java/2.27.0(JRE)
appName	PubSubToBigQuery
project	nerdynerd
runner	org.apache.beam.runners.dataflow.Dataf...
pipelineUrl	gs://dataflow-staging-us-central1-511307...
jobName	pubsubtobigquery-omarismail-02140344...
tempLocation	gs://dataflow-staging-us-central1-511307...

Job Metrics tab: Streaming

← pubsubtobigq... ⋮ SHARE MAX TIME ▾

JOB GRAPH JOB METRICS

Input Metrics

All Pub/Sub subscriptions

Requests per sec

Create alerting policy

10/s
0
10:50 PM 10:55 PM 11:00 PM 11:05 PM 11:10 PM
data 6.2/s

Response errors per sec by error type

Create alerting policy

⚠ No data is available for the selected time frame. This chart will remain empty until the first error occurs.

1
0
10:50 PM 10:55 PM 11:00 PM 11:05 PM 11:10 PM

Logs

Job info

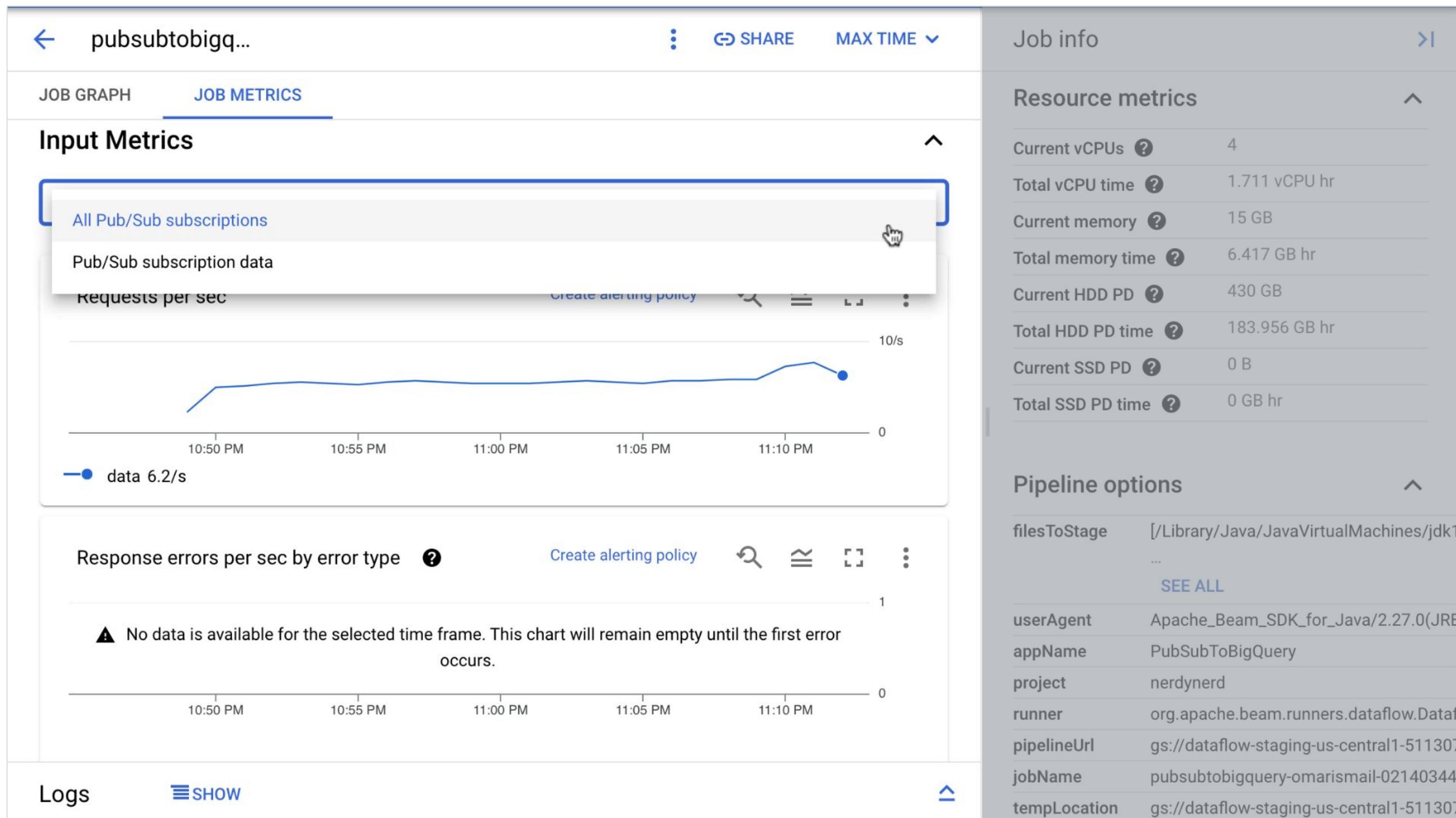
Resource metrics

Current vCPUs	4
Total vCPU time	1.711 vCPU hr
Current memory	15 GB
Total memory time	6.417 GB hr
Current HDD PD	430 GB
Total HDD PD time	183.956 GB hr
Current SSD PD	0 B
Total SSD PD time	0 GB hr

Pipeline options

filesToStage	/Library/Java/JavaVirtualMachines/jdk1...
	SEE ALL
userAgent	Apache_Beam_SDK_for_Java/2.27.0(JRE)
appName	PubSubToBigQuery
project	nerdynerd
runner	org.apache.beam.runners.dataflow.Dataf...
pipelineUrl	gs://dataflow-staging-us-central1-511307...
jobName	pubsubtobigquery-omarismail-02140344...
tempLocation	gs://dataflow-staging-us-central1-511307...

Job Metrics tab: Streaming



Job Metrics tab: Streaming

← pubsubtobigq... ⋮ SHARE MAX TIME ▾

JOB GRAPH JOB METRICS

Input Metrics

All Pub/Sub subscriptions

Requests per sec

Create alerting policy

10/s

10:50 PM 10:55 PM 11:00 PM 11:05 PM 11:10 PM 0

—● data 6.2/s

Response errors per sec by error type Create alerting policy

No data is available for the selected time frame. This chart will remain empty until the first error occurs.

1

10:50 PM 10:55 PM 11:00 PM 11:05 PM 11:10 PM 0

Logs

Job info

Resource metrics

Current vCPUs	4
Total vCPU time	1.711 vCPU hr
Current memory	15 GB
Total memory time	6.417 GB hr
Current HDD PD	430 GB
Total HDD PD time	183.956 GB hr
Current SSD PD	0 B
Total SSD PD time	0 GB hr

Pipeline options

filesToStage	/Library/Java/JavaVirtualMachines/jdk1...
SEE ALL	
userAgent	Apache_Beam_SDK_for_Java/2.27.0(JRE)
appName	PubSubToBigQuery
project	nerdynerd
runner	org.apache.beam.runners.dataflow.Dataf...
pipelineUrl	gs://dataflow-staging-us-central1-511307...
jobName	pubsubtobigquery-omarismail-02140344...
tempLocation	gs://dataflow-staging-us-central1-511307...

Job Metrics tab: Streaming

← pubsubtobigq... ⋮ SHARE MAX TIME ▾

JOB GRAPH JOB METRICS

Input Metrics

All Pub/Sub subscriptions

Requests per sec

Create alerting policy

10/s

10:50 PM 10:55 PM 11:00 PM 11:05 PM 11:10 PM

—● data 6.2/s

Response errors per sec by error type ⓘ

Create alerting policy

1

⚠ No data is available for the selected time frame. This chart will remain empty until the first error occurs.

10:50 PM 10:55 PM 11:00 PM 11:05 PM 11:10 PM

Logs SHOW

Job info >|

Resource metrics

Current vCPUs ⓘ	4
Total vCPU time ⓘ	1.711 vCPU hr
Current memory ⓘ	15 GB
Total memory time ⓘ	6.417 GB hr
Current HDD PD ⓘ	430 GB
Total HDD PD time ⓘ	183.956 GB hr
Current SSD PD ⓘ	0 B
Total SSD PD time ⓘ	0 GB hr

Pipeline options

filesToStage	/Library/Java/JavaVirtualMachines/jdk1...
	SEE ALL
userAgent	Apache_Beam_SDK_for_Java/2.27.0(JRE)
appName	PubSubToBigQuery
project	nerdynerd
runner	org.apache.beam.runners.dataflow.Dataf...
pipelineUrl	gs://dataflow-staging-us-central1-511307...
jobName	pubsubtobigquery-omarismail-02140344...
tempLocation	gs://dataflow-staging-us-central1-511307...

Time selector

← pubsub0cogbk0gcs... ■ STOP ⋮ ⚡ SHARE 6 HOURS ▾

JOB GRAPH JOB METRICS

Data freshness ? Create alerting policy ⌂ ⌂ ⋮

System latency ? Create alerting policy ⌂ ⌂ ⋮

Autoscaling ?

Logs ⌂ SHOW ⌂

Job info

Job name	pubsub0cogbk0gcs-omarismail-0214154603-f6cc642a
Job ID	2021-02-14_07_46_10-8043396692416549753
Job type	Streaming
Job status	Running
SDK version	Apache Beam SDK for Java 2.27.0
Job region ?	northamerica-northeast1
Worker location ?	northamerica-northeast1-a
Current workers ?	1
Latest worker status	Worker pool started.
Start time	February 14, 2021 at 10:46:10 AM GMT-5
Elapsed time	5 days 8 hr
Encryption type	Google-managed key

Resource metrics ^

Current vCPUs ?	4
Total vCPU time ?	514.687 vCPU hr
Current memory ?	15 GB
Total memory time ?	1,930.076 GB hr

Time selector

← pubsub0cogbk0gcs... ■ STOP ⋮ ⚡ SHARE 6 HOURS ▾

JOB GRAPH JOB METRICS

Data freshness ? Create alerting policy ⌂ ⌂ ⋮

System latency ? Create alerting policy ⌂ ⌂ ⋮

Autoscaling ?

Logs SHOW ⌂

Job info

Job name	pubsub0cogbk0gcs-omarismail-0214154603-f6cc642a
Job ID	2021-02-14_07_46_10-8043396692416549753
Job type	Streaming
Job status	Running
SDK version	Apache Beam SDK for Java 2.27.0
Job region ?	northamerica-northeast1
Worker location ?	northamerica-northeast1-a
Current workers ?	1
Latest worker status	Worker pool started.
Start time	February 14, 2021 at 10:46:10 AM GMT-5
Elapsed time	5 days 8 hr
Encryption type	Google-managed key

Resource metrics ⌂

Current vCPUs ?	4
Total vCPU time ?	514.687 vCPU hr
Current memory ?	15 GB
Total memory time ?	1,930.076 GB hr

Time selector

← pubsub0cogb... ■ STOP ⋮ ⚡ SHARE 6 HOURS ▾ Select a different time range for charts and logs Job info >|

JOB GRAPH JOB METRICS

Data freshness ? Create alerting policy ⌂ ⌂ ⋮

System latency ? Create alerting policy ⌂ ⌂ ⋮

Autoscaling ?

Logs ⌂ SHOW ⌂

Job info

Job name	pubsub0cogbk0gcs-omarismail-0214154603-f6cc642a
Job ID	2021-02-14_07_46_10-8043396692416549753
Job type	Streaming
Job status	Running
SDK version	Apache Beam SDK for Java 2.27.0
Job region ?	northamerica-northeast1
Worker location ?	northamerica-northeast1-a
Current workers ?	1
Latest worker status	Worker pool started.
Start time	February 14, 2021 at 10:46:10 AM GMT-5
Elapsed time	5 days 8 hr
Encryption type	Google-managed key

Resource metrics ^

Current vCPUs ?	4
Total vCPU time ?	514.709 vCPU hr
Current memory ?	15 GB
Total memory time ?	1,930.159 GB hr

Time selector

The screenshot shows the Google Cloud Dataflow Metrics interface for a job named "pubsub0cogbk0gcs-". The "JOB METRICS" tab is selected, displaying three charts: "Data freshness", "System latency", and "Autoscaling". The "Data freshness" chart shows a step function over time from 2 PM to 7 PM. The "System latency" chart shows a step function with a sharp spike around 4 PM, ranging from 30s to 36s. The "Autoscaling" section is currently collapsed.

A time selector dropdown is open, titled "Time range for charts and logs". It includes options for "hour range", "day range", and "30 day range". Below these are fields for "Max Time" and "Enter custom range". A list of recent time ranges is visible on the right, including "21-02-14_07_46_10-", "Running", and "Apache Beam SDK for Java".

On the right side of the interface, there is a "Job info" panel with sections for "Resource metrics" and "Logs".

Start time	February 14, 2021 at 10:46:10 AM GMT-5
Elapsed time	5 days 8 hr
Encryption type	Google-managed key

Resource metrics	
Current vCPUs	4
Total vCPU time	514.709 vCPU hr
Current memory	15 GB
Total memory time	1,930.159 GB hr

Time selector

The screenshot shows the Google Cloud Dataflow Metrics interface for a job named "pubsub0cogbk0gcs-". The "JOB METRICS" tab is selected, displaying three charts: "Data freshness", "System latency", and "Autoscaling". A "Time range for charts and logs" dropdown menu is open, showing options like "1 hour range", "1 day range", "30 day range", and "Enter custom range". The "Enter custom range" section is expanded, showing fields for "Start time" (set to "February 14, 2021 at 10:46:10 AM GMT-5") and "Elapsed time" (set to "5 days 8 hr"). Other visible job details include "Encryption type: Google-managed key" and resource metrics like "Current vCPUs: 4" and "Total vCPU time: 514.709 vCPU hr".

Time range for charts and logs

- 1 hour range
- 1 day range
- 30 day range
- Max Time Job's run time
- Enter custom range

Start time: February 14, 2021 at 10:46:10 AM GMT-5

Elapsed time: 5 days 8 hr

Encryption type: Google-managed key

Resource metrics

Metric	Value
Current vCPUs	4
Total vCPU time	514.709 vCPU hr
Current memory	15 GB
Total memory time	1,930.159 GB hr

Time selector

The screenshot shows the Google Cloud Dataflow Metrics interface for a job named "pubsub0cogbk0gcs-". The "JOB METRICS" tab is selected, displaying three charts: "Data freshness", "System latency", and "Autoscaling". The "Data freshness" chart shows a step function over time from 2 PM to 7 PM. The "System latency" chart shows a step function with values 30s, 32s, 34s, and 36s. The "Autoscaling" section is currently collapsed.

A time selector dropdown is open, titled "Time range for charts and logs". It includes options for "hour range", "day range", and "30 day range". A "Max Time" section allows entering a custom range, with a "Start time" set to "February 14, 2021 at 10:46:10 AM GMT-5" and an "Elapsed time" of "5 days 8 hr". The "Encryption type" is listed as "Google-managed key". At the bottom of the dropdown, there are "Cancel" and "Apply" buttons, with a cursor hovering over the "Apply" button.

Time range for charts and logs

- 1 hour range
- 1 day range
- 30 day range

Max Time

Start time: February 14, 2021 at 10:46:10 AM GMT-5
Elapsed time: 5 days 8 hr
Encryption type: Google-managed key

Resource metrics

Current vCPUs	4
Total vCPU time	514.709 vCPU hr
Current memory	15 GB
Total memory time	1,930.159 GB hr

Time selector

← pubsub0cogbk0gcs... ■ STOP ⋮ ⚡ SHARE 6 HOURS ▾

JOB GRAPH Time range for charts and logs Reset X

1 hour range
1 day range
30 day range
Max Time Enter custom range >

START TIME < 2 / 19 / 2021 >
6 : 27 : 52 PM EST

END TIME < 2 / 19 / 2021 >
7 : 27 : 52 PM EST

Cancel Apply

System latency

2 PM 3 PM 4 PM 5 PM 6 PM 7 PM 34s 32s 30s

Autoscaling ?

Logs SHOW

Job info

Job name pubsub0cogbk0gcs-omarismail-0214154603-f6cc642a

Job ID 2021-02-14_07_46_10-8043396692416549753

Job type Streaming

Job status Running

SDK version Apache Beam SDK for Java 2.27.0

Job region northamerica-northeast1

Worker location northamerica-northeast1-a

Current workers 1

Latest worker status Worker pool started.

Start time February 14, 2021 at 10:46:10 AM GMT-5

Elapsed time 5 days 8 hr

Encryption type Google-managed key

Resource metrics

Current vCPUs 4

Total vCPU time 514.72 vCPU hr

Current memory 15 GB

Total memory time 1,930.201 GB hr

Time selector

The screenshot shows the Google Cloud Dataflow Metrics interface for a job named "pubsub0cogbk0gcs-". The "JOB METRICS" tab is selected, displaying three charts: "Data freshness", "System latency", and "Autoscaling". The "Data freshness" chart shows a step function over time from 2 PM to 7 PM. The "System latency" chart shows a step function with a sharp spike around 4 PM, ranging from 30s to 36s. The "Autoscaling" section is currently collapsed.

A time selector dropdown is open, titled "Time range for charts and logs". It includes options for "hour range", "day range", and "30 day range". The "Max Time" field is set to "Job's run time". A "Enter custom range" button is also present. The "Start time" is listed as "February 14, 2021 at 10:46:10 AM GMT-5", and the "Elapsed time" is "5 days 8 hr". The "Encryption type" is "Google-managed key". At the bottom, there is a "Resource metrics" section with metrics for vCPUs, memory, and total vCPU time.

Start time	February 14, 2021 at 10:46:10 AM GMT-5
Elapsed time	5 days 8 hr
Encryption type	Google-managed key
Resource metrics	
Current vCPUs	4
Total vCPU time	514.72 vCPU hr
Current memory	15 GB
Total memory time	1,930.201 GB hr

Time selector

The screenshot shows the Google Cloud Dataflow Metrics interface for a job named "pubsub0cogbk0gcs-". The "JOB METRICS" tab is selected, displaying three charts: "Data freshness", "System latency", and "Autoscaling". The "Data freshness" chart shows a step function over time from 2 PM to 7 PM. The "System latency" chart shows a step function with a sharp spike around 4 PM, ranging from 30s to 36s. The "Autoscaling" section is currently collapsed.

A time selector dropdown is open, titled "Time range for charts and logs". It includes options for "hour range", "day range", and "30 day range". Below these are fields for "Max Time" and "Enter custom range". A "Start time" field is set to "February 14, 2021 at 10:46:10 AM GMT-5". The "Elapsed time" is listed as "5 days 8 hr". The "Encryption type" is "Google-managed key". At the bottom right of the dropdown is an "Apply" button, which has a hand cursor icon pointing at it.

Time range for charts and logs

- 1 hour range
- 1 day range
- 30 day range

Max Time

Enter custom range >

Start time: February 14, 2021 at 10:46:10 AM GMT-5

Elapsed time: 5 days 8 hr

Encryption type: Google-managed key

Resource metrics

Current vCPUs	4
Total vCPU time	514.742 vCPU hr
Current memory	15 GB
Total memory time	1,930.284 GB hr

Time selector

← pubsub0cogb... ■ STOP ⋮ ⚡ SHARE MAX TIME ▾ Job info >|

JOB GRAPH JOB METRICS

Data freshness ⓘ Create alerting policy ⌂ ⌂ ⌂ 200.00m

System latency ⓘ Create alerting policy ⌂ ⌂ ⌂ 200.00m

Autoscaling ⓘ

Logs SHOW ⌂

Mon 15 12 PM Tue 16 12 PM Wed 17 12 PM Thu 18 12 PM Fri 19 12 PM 0

Mon 15 12 PM Tue 16 12 PM Wed 17 12 PM Thu 18 12 PM Fri 19 12 PM 0

Mon 15 12 PM Tue 16 12 PM Wed 17 12 PM Thu 18 12 PM Fri 19 12 PM 1

Job info

Job name	pubsub0cogbk0gcs-omarismail-0214154603-f6cc642a
Job ID	2021-02-14_07_46_10-8043396692416549753
Job type	Streaming
Job status	Running
SDK version	Apache Beam SDK for Java 2.27.0
Job region ⓘ	northamerica-northeast1
Worker location ⓘ	northamerica-northeast1-a
Current workers ⓘ	1
Latest worker status	Worker pool started.
Start time	February 14, 2021 at 10:46:10 AM GMT-5
Elapsed time	5 days 8 hr
Encryption type	Google-managed key

Resource metrics ^

Current vCPUs ⓘ	4
Total vCPU time ⓘ	514.753 vCPU hr
Current memory ⓘ	15 GB
Total memory time ⓘ	1,930.326 GB hr

Time selector

← pubsub0cogb... ■ STOP ⋮ ⚡ SHARE MAX TIME ▾ Job info >|

JOB GRAPH JOB METRICS

Data freshness ⓘ Create alerting policy ⚡ ⚡ ⋮ 200.00m

Feb 14, 2021 10:46 AM
Data freshness 3.15h

Mon 15 12 PM Tue 16 12 PM Wed 17 12 PM Thu 18 12 PM Fri 19 12 PM 0

System latency ⓘ Create alerting policy ⚡ ⚡ ⋮ 200.00m

Mon 15 12 PM Tue 16 12 PM Wed 17 12 PM Thu 18 12 PM Fri 19 12 PM 0

Autoscaling ⓘ

Logs SHOW ⚡

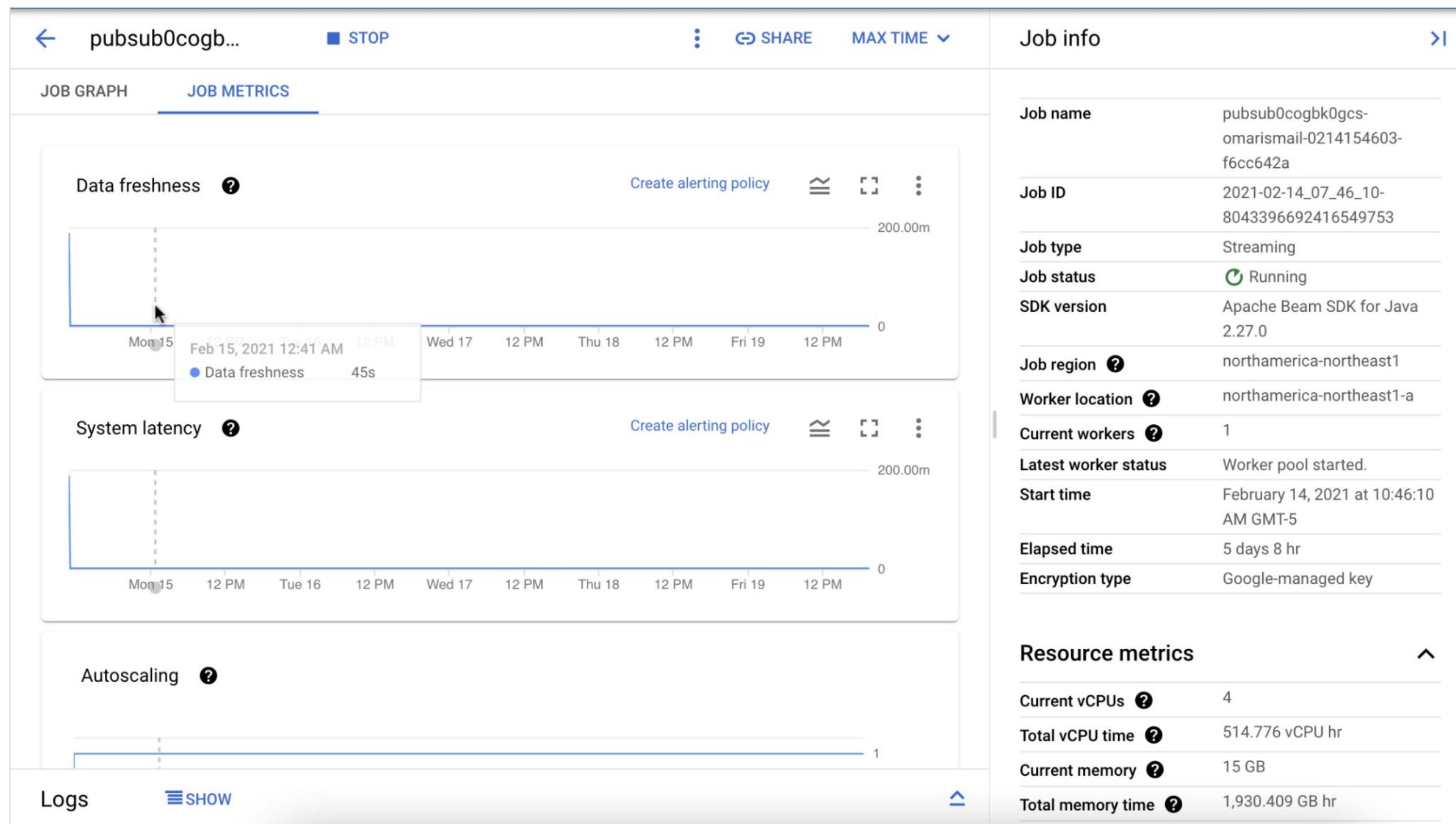
Job info

Job name	pubsub0cogbk0gcs-omarismail-0214154603-f6cc642a
Job ID	2021-02-14_07_46_10-8043396692416549753
Job type	Streaming
Job status	Running
SDK version	Apache Beam SDK for Java 2.27.0
Job region ⓘ	northamerica-northeast1
Worker location ⓘ	northamerica-northeast1-a
Current workers ⓘ	1
Latest worker status	Worker pool started.
Start time	February 14, 2021 at 10:46:10 AM GMT-5
Elapsed time	5 days 8 hr
Encryption type	Google-managed key

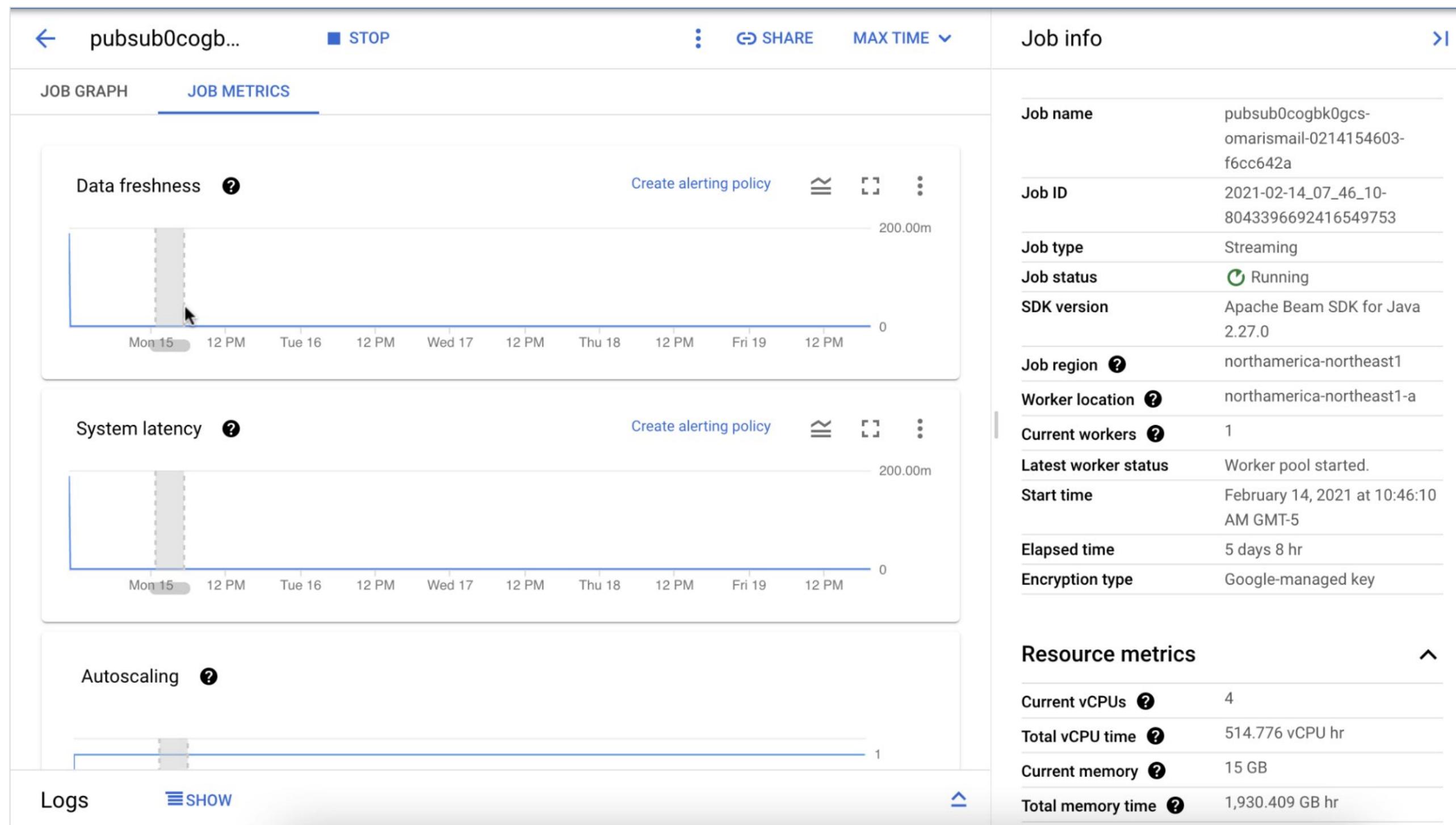
Resource metrics ⚡

Current vCPUs ⓘ	4
Total vCPU time ⓘ	514.753 vCPU hr
Current memory ⓘ	15 GB
Total memory time ⓘ	1,930.326 GB hr

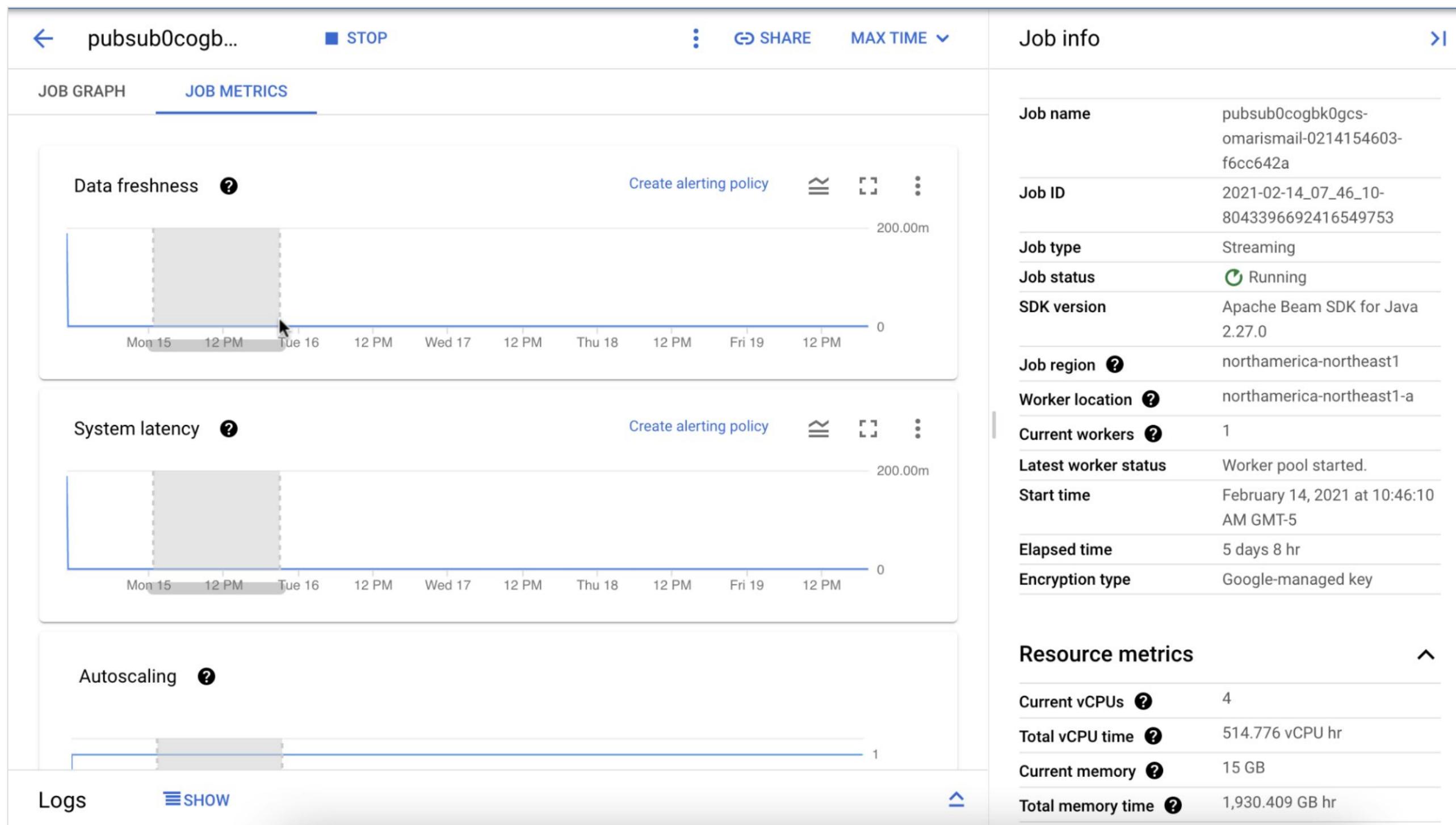
Time selector



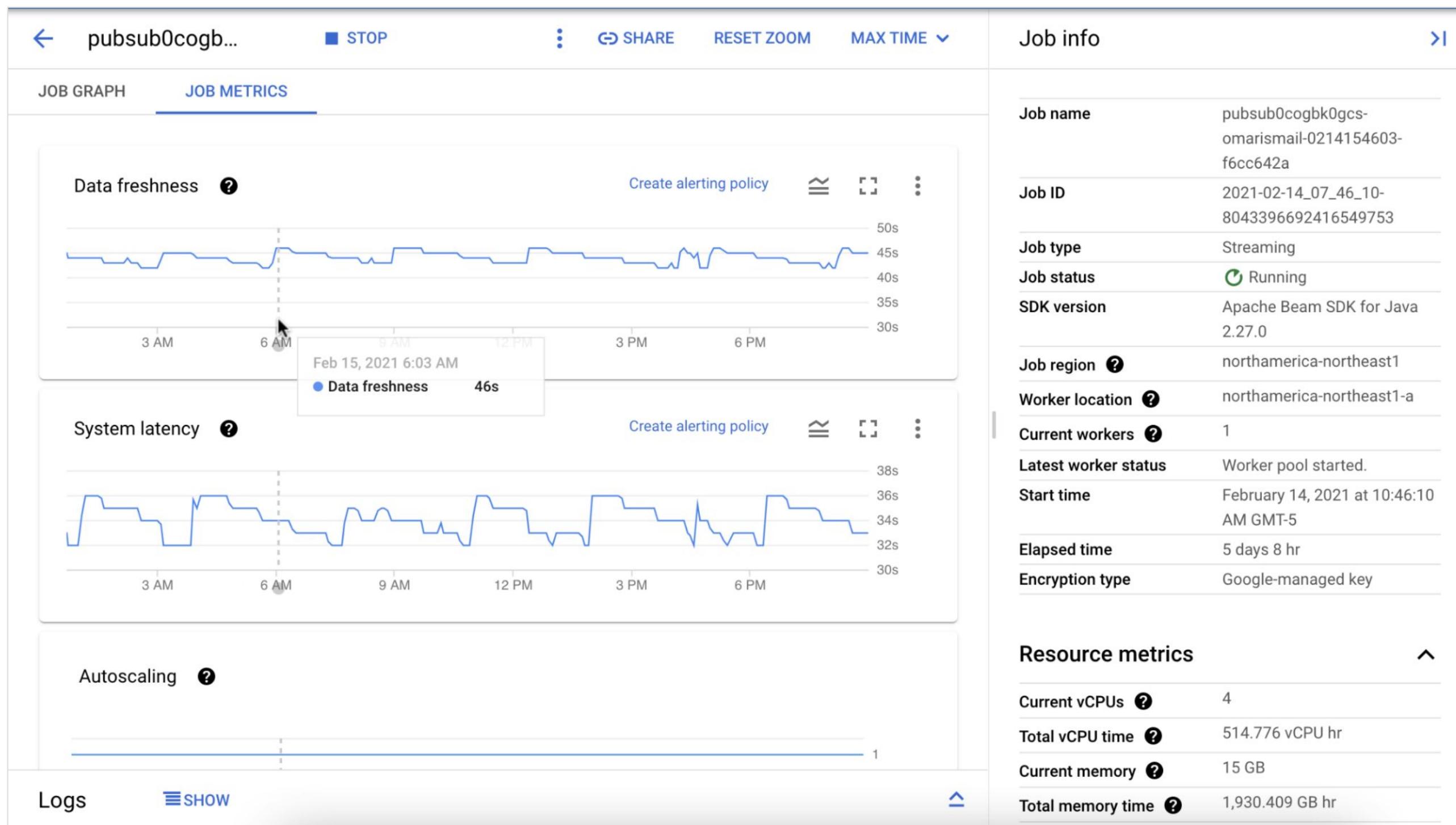
Time selector



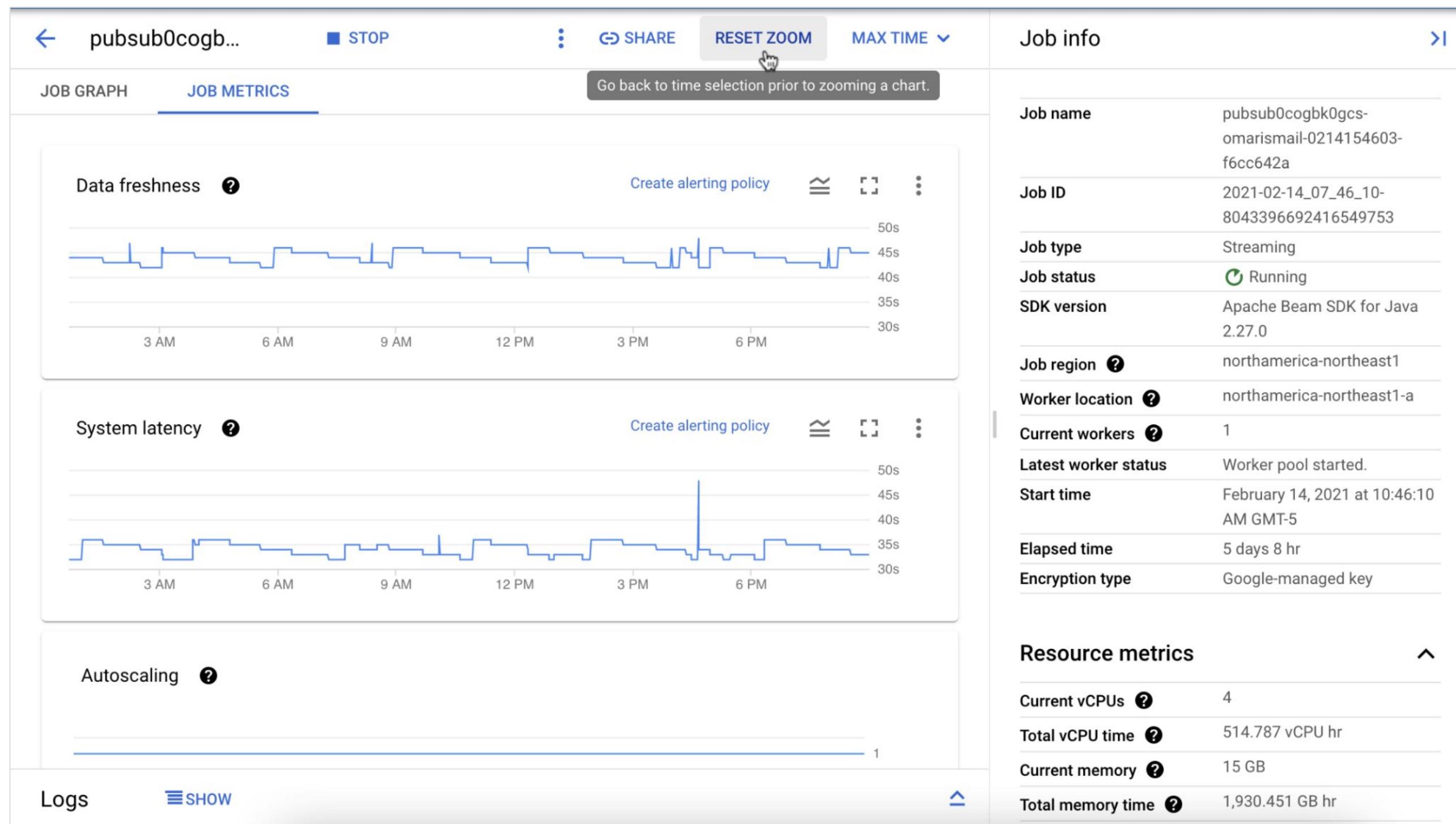
Time selector



Time selector



Time selector



Time selector

← pubsub0cogb... ■ STOP ⋮ ⚡ SHARE MAX TIME ▾ Job info >|

JOB GRAPH JOB METRICS

Data freshness ⓘ Create alerting policy ⌂ ⌂ ⌂ 200.00m

System latency ⓘ Create alerting policy ⌂ ⌂ ⌂ 200.00m

Autoscaling ⓘ

Logs SHOW ⌂

Mon 15 12 PM Tue 16 12 PM Wed 17 12 PM Thu 18 12 PM Fri 19 12 PM 0

Mon 15 12 PM Tue 16 12 PM Wed 17 12 PM Thu 18 12 PM Fri 19 12 PM 0

Mon 15 12 PM Tue 16 12 PM Wed 17 12 PM Thu 18 12 PM Fri 19 12 PM 1

Job info

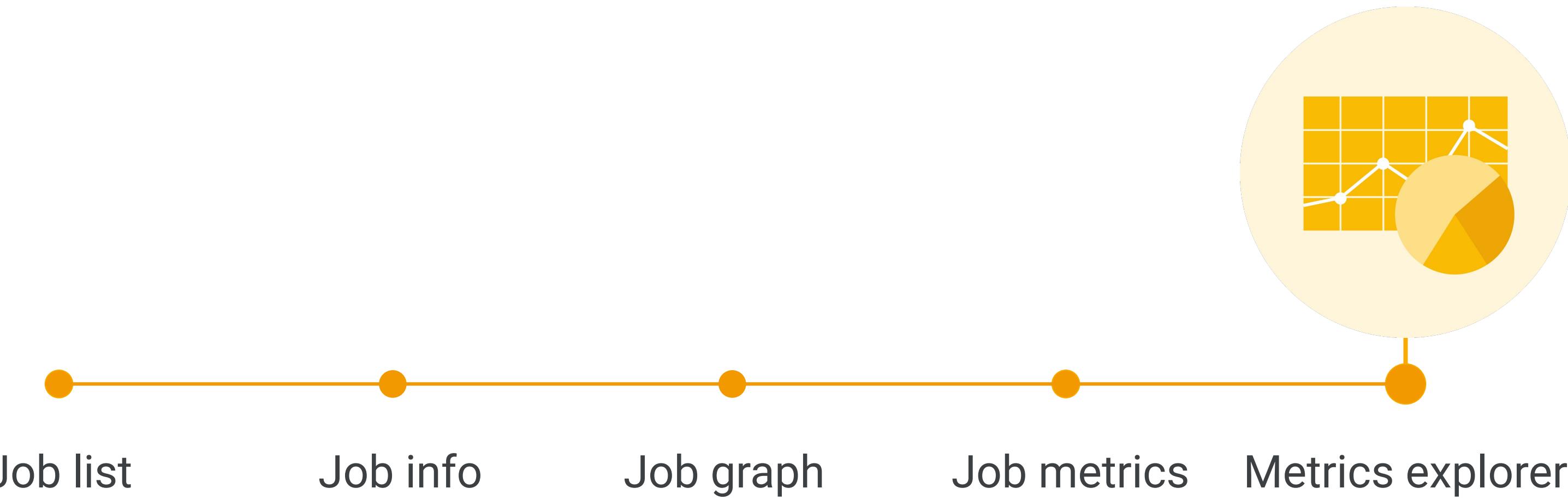
Job name	pubsub0cogbk0gcs-omarismail-0214154603-f6cc642a
Job ID	2021-02-14_07_46_10-8043396692416549753
Job type	Streaming
Job status	Running
SDK version	Apache Beam SDK for Java 2.27.0
Job region ⓘ	northamerica-northeast1
Worker location ⓘ	northamerica-northeast1-a
Current workers ⓘ	1
Latest worker status	Worker pool started.
Start time	February 14, 2021 at 10:46:10 AM GMT-5
Elapsed time	5 days 8 hr
Encryption type	Google-managed key

Resource metrics ^

Current vCPUs ⓘ	4
Total vCPU time ⓘ	514.787 vCPU hr
Current memory ⓘ	15 GB
Total memory time ⓘ	1,930.451 GB hr

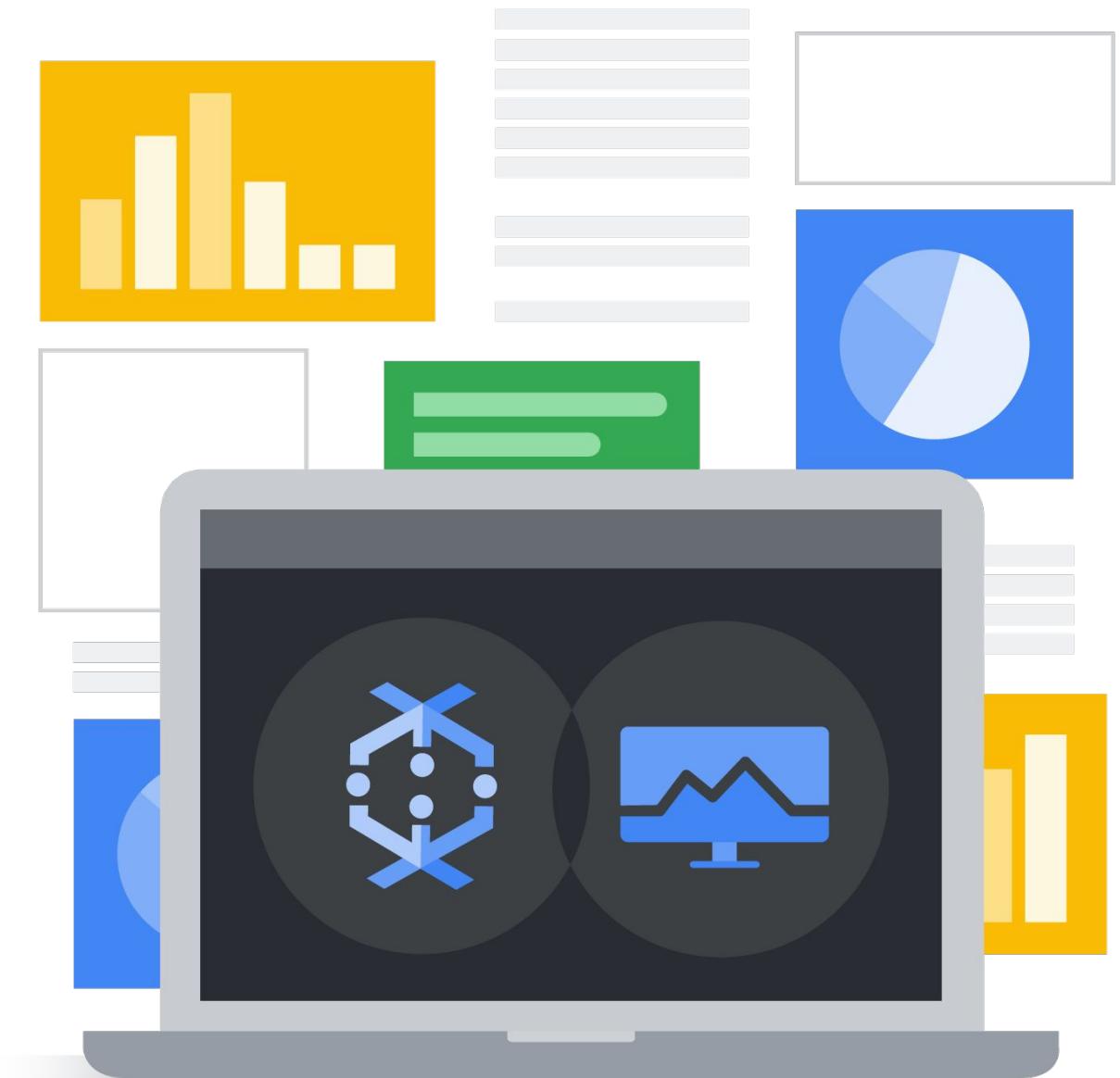
Monitoring

Agenda

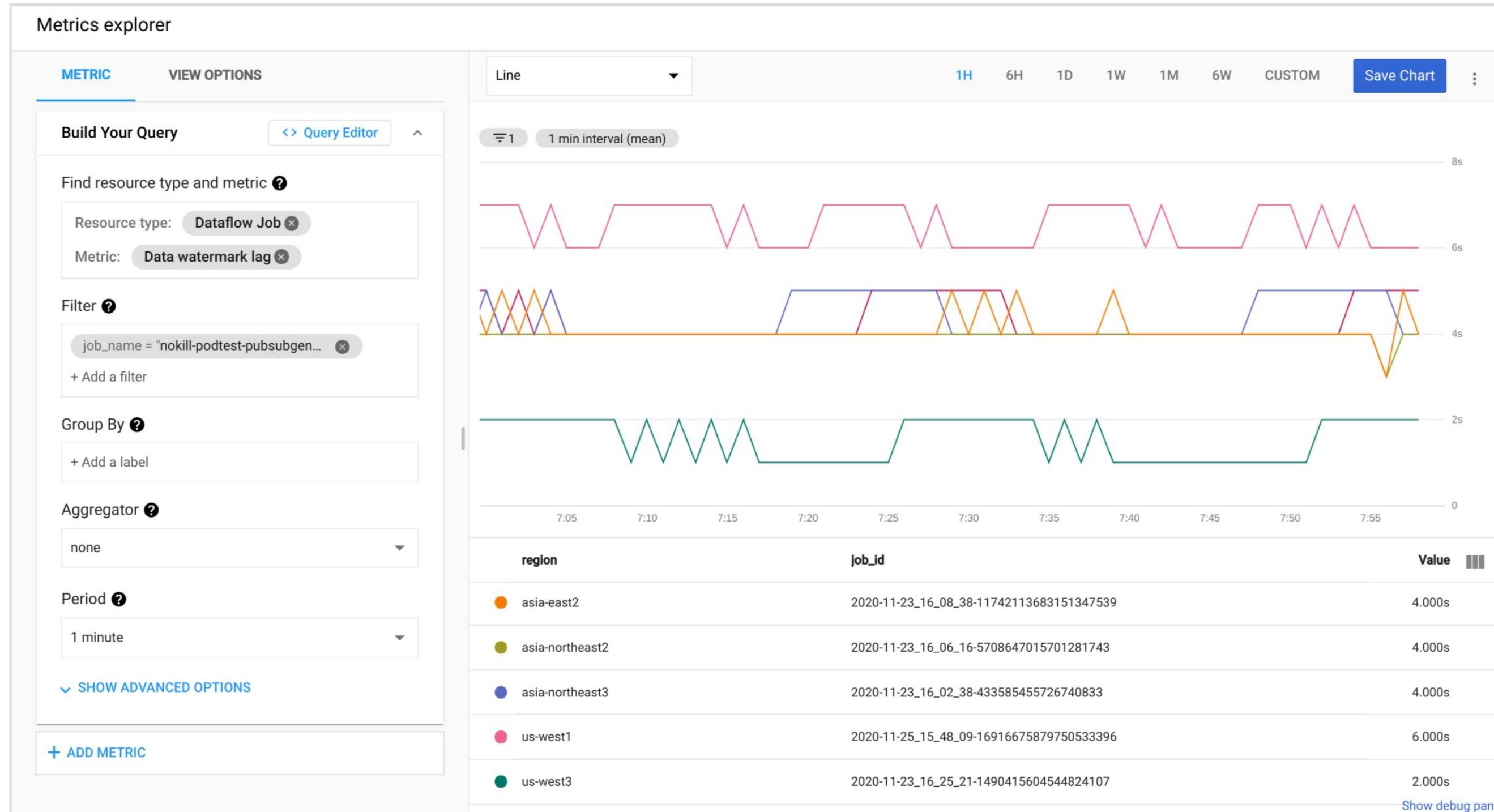


Metrics Explorer

- Dataflow integration with Cloud Monitoring stores time-series data and provides viewing and alertings
- Build custom dashboards
- Example of metrics that can be plotted:
 - Job status
 - Element count
 - System lag (streaming only)
 - Custom metrics



Metrics Explorer



Metrics that can be used

Has my job failed?

```
job/is_failed > 0, filter by  
job_name
```

Is there lag?

```
job/system_lag, filter by job_name
```

```
job/per_stage_system_lag, filter by  
job_name and stage
```

Is there a spike in processing?

```
job/element_count on an upstream  
PCollection
```

Is the data processed fresh?

```
job/per_stage_data_watermark_age
```

```
job/data_watermark_age
```

Is a dependency failing?

```
job/user_counter, filter by counter  
name
```

How do I know my CPU utilization?

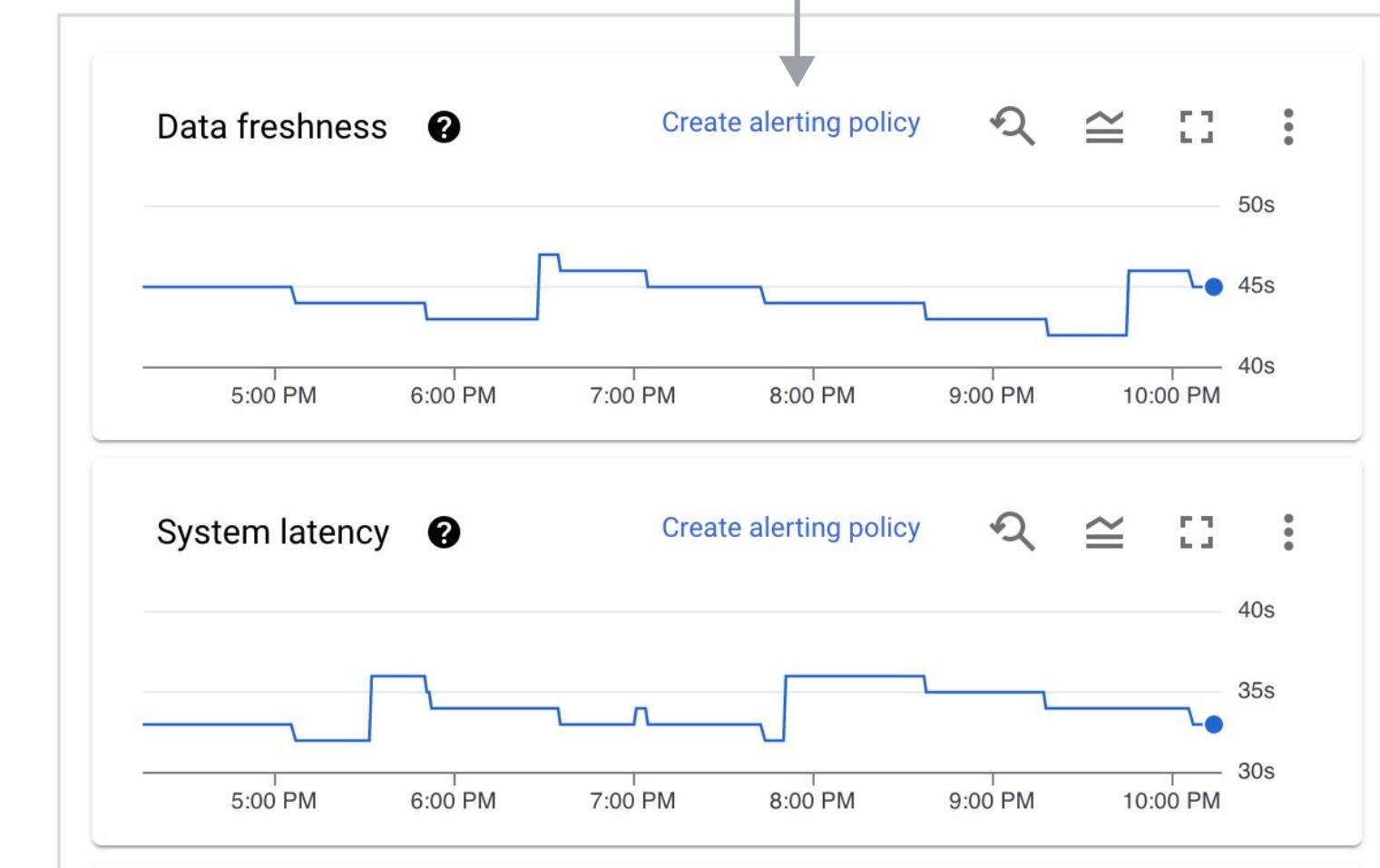
```
compute.googleapis.com/instance/cpu  
/utilization
```

Metrics Explorer

Setting up alerts

- Notified when a threshold is crossed

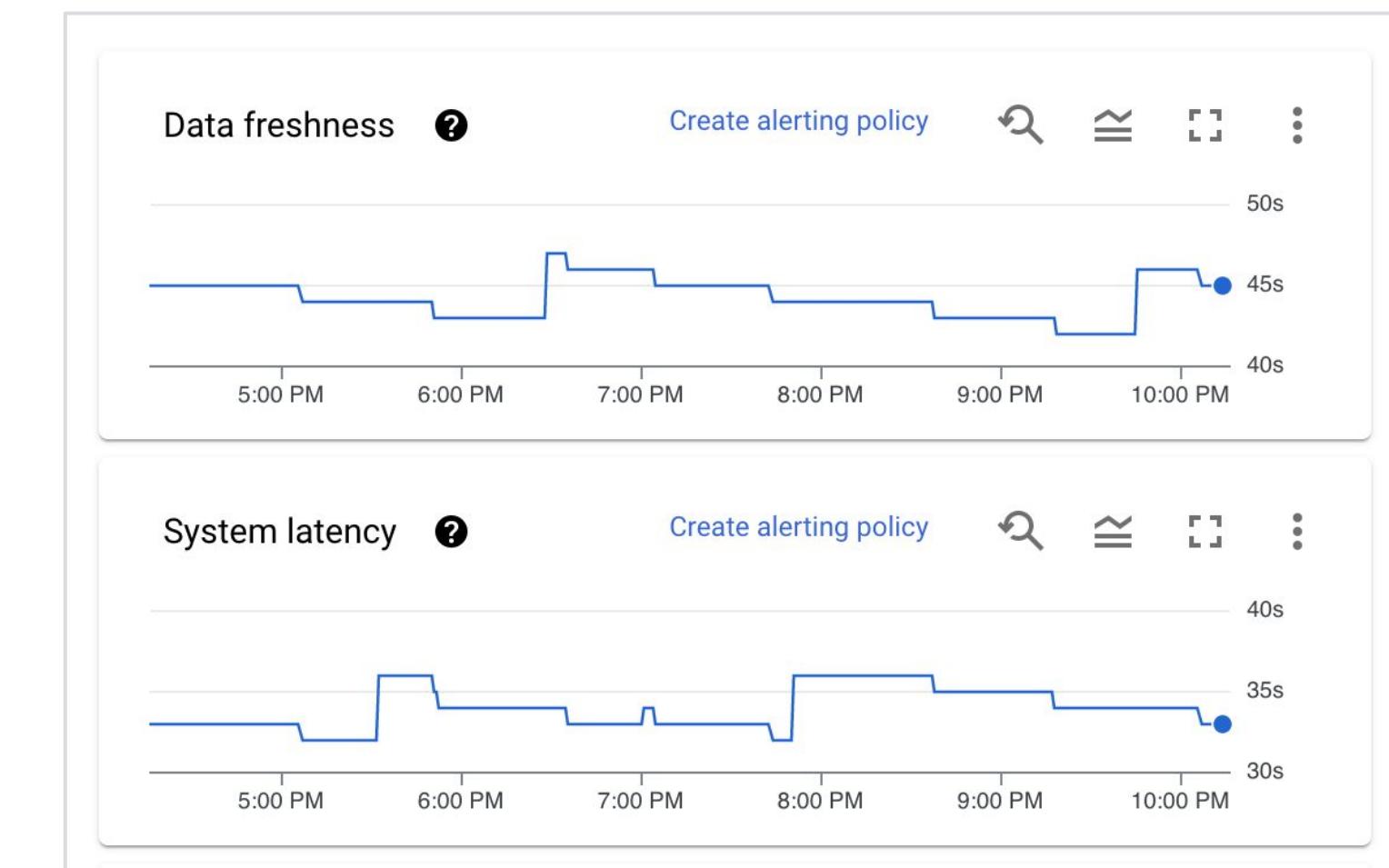
To create alerts



Metrics Explorer

Setting up Alerts

- Notified when a threshold is crossed
- System latency, Data freshness, Worker error count



Metrics Explorer

Setting up Alerts

- Notified when a threshold is crossed
- System latency, Data freshness, Worker error count
- Can be customized from Cloud Monitoring

