

VERTEX AI PIPELINES

SCREENSHOTS:

CREATED A SIMPLE PIPELINE FIRST:

The screenshot displays the Google Cloud Platform (GCP) Vertex AI console interface. The top navigation bar shows the Google Cloud Platform logo, the project ID 'CMPE256NLP', and a search bar. The left sidebar contains a navigation menu with options like Dashboard, Datasets, Features, Labeling tasks, Workbench, Pipelines (selected), Training, Experiments, Models, Endpoints, Batch predictions, and Metadata. The main content area shows a pipeline run for 'hello-world-pipeline-20211211074218'. The pipeline graph consists of three steps: 'emoji' (python3.7), 'product name' (python3.9), and 'build-sentence' (python3.7). The 'emoji' and 'product name' steps are connected to the 'build-sentence' step. The pipeline run is currently at 55% completion. The right sidebar shows the 'Pipeline run analysis' section with tabs for 'SUMMARY' and 'NODE INFO'. The 'SUMMARY' tab is active, displaying basic info and run parameters.

Basic info

Field	Value
Duration	2 sec
Started	Dec 10, 2021, 11:42:21 PM
Completed	Dec 10, 2021, 11:42:23 PM
Run name	hello-world-pipeline-20211211074218
Pipeline name	hello-world
Runtime environment	Serverless
Region	us-central1
Service account	376556357571-compute@developer.gserviceaccount.com
Debugging info	View pipeline proto

Run Parameters

Pipeline parameter values used for this run

Parameter	Type	Value
emoji_str	string	sparkles
text	string	Vertex Pipelines

Logs

VERTEX AI PIPELINES

The screenshot shows the Google Cloud Platform Vertex AI console. The left sidebar contains navigation links: Dashboard, Datasets, Features, Labeling tasks, Workbench, Pipelines (selected), Training, Experiments, Models, Endpoints, Batch predictions, and Metadata. The main area displays the 'hello-world-pipeline' run analysis. The pipeline graph shows three steps: 'emoji' (python 3.7), 'product name' (python 3.9), and 'build-sentence' (python 3.7). The 'build-sentence' step is highlighted. The right panel shows the 'Pipeline run analysis' for 'build-sentence'. It includes a 'SUMMARY' tab and a 'NODE INFO' tab. The 'Execution Info' section shows the run is 'Cached'. The 'Input Parameters' table lists 'emojitext' (string, sparkles), 'emoji' (string, 🌟), and 'product' (string, Vertex Pipelines). The 'Output Parameters' table lists 'Output' (string, Vertex Pipelines is 🌟).

Vertex AI

hello-world-pi...

CLONE STOP DELETE

Runtime Graph 3/3 steps completed Expand Artifacts 55%

Pipeline run analysis

SUMMARY NODE INFO

Execution Info Cached

VIEW JOB VIEW LOGS

Display name build-sentence

Name build-sentence

Type system.ContainerExecution

Duration 0 sec

Started Dec 10, 2021, 11:42:23 PM

Completed Dec 10, 2021, 11:42:23 PM

Input Parameters

Parameter	Type	Value
emojitext	string	sparkles
emoji	string	🌟
product	string	Vertex Pipelines

Output Parameters

Parameter	Type	Value
Output	string	Vertex Pipelines is 🌟

Logs

CREATED AN END-TO-END PIPELINE:

The screenshot shows the Google Cloud Platform Vertex AI console. The left sidebar contains navigation links: Dashboard, Datasets, Features, Labeling tasks, Workbench, Pipelines (selected), Training, Experiments, Models, Endpoints, Batch predictions, and Metadata. The main area displays the 'automi-tab-beans-training' run analysis. The pipeline graph shows four steps: 'tabulardataset-create' (got.kit.../line-components/0.2.0), 'automltabulartrainingjob' (got.kit.../line-components/0.2.0), 'classification-model-eval...' (got.kit.../line-components/0.2.0), and 'condition-deploy-decisi...' (got.kit.../line-components/0.2.0). The 'automltabulartrainingjob' step is highlighted. The right panel shows the 'Pipeline run analysis' for 'automi-tab-beans-training'. It includes a 'SUMMARY' tab and a 'NODE INFO' tab. The 'Basic info' section shows the run duration (11 min 56 sec), start time (Dec 10, 2021, 11:42:26 PM), and completion status. The 'Run Parameters' section lists parameters: 'api_endpoint' (string, us-central1-aiplatform.googleapis.com), 'gcp_region' (string, us-central1), 'thresholds_dict_str' (string, {'auRoc': 0.95}), 'display_name' (string, automl-beans1639208542), 'project' (string, cmpe256nlp), and 'bq_source' (string, bq://aju-dev-demos.beans.beans1).

Vertex AI

automi-tab-be...

CLONE STOP DELETE

Runtime Graph 1/6 steps completed Expand Artifacts 65%

Pipeline run analysis

SUMMARY NODE INFO

Basic info

Duration 11 min 56 sec

Started Dec 10, 2021, 11:42:26 PM

Completed

Run name automl-tab-beans-training-v2-20211211074224

Pipeline name automl-tab-beans-training-v2

Runtime environment Serverless

Region us-central1

Service account 376556357571-compute@developer.gserviceaccount.com

Debugging info [View pipeline proto](#)

Run Parameters

Pipeline parameter values used for this run

Parameter	Type	Value
api_endpoint	string	us-central1-aiplatform.googleapis.com
gcp_region	string	us-central1
thresholds_dict_str	string	{'auRoc': 0.95}
display_name	string	automl-beans1639208542
project	string	cmpe256nlp
bq_source	string	bq://aju-dev-demos.beans.beans1

Logs