

Google Cloud

Project Proposal

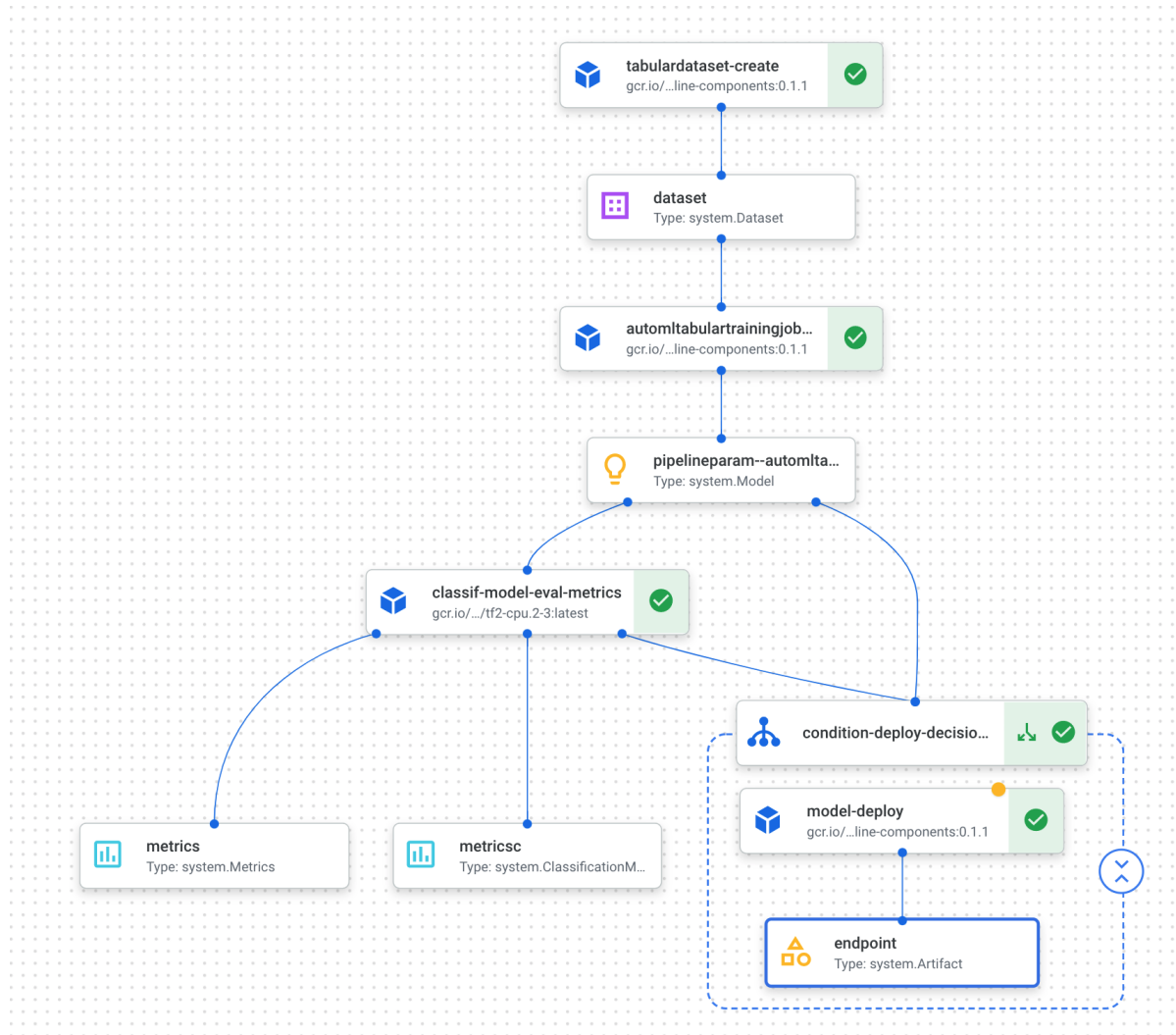


Vertex AI

- orchestrate a model training pipeline
- integrate with github CI/CD
- setup an endpoint for model inference

Example pipeline

1. Import and preprocess data
2. Train the model
3. Explain results, store relevant artifacts and log metrics
4. Conditionally deploy to an endpoint



Tools and services

- Google Cloud Storage (+gcsfuse)
- Cloud Run + Github
- Pytorch 2.0
- Vertex AI
 - Kubeflow pipelines
 - Model registry
 - Experiment logs