Evaluating LLM from AI Quick Actions Catalog

Referenced Documentation

https://docs.oracle.com/en-us/iaas/data-science/using/ai-quick-actions-evaluations.htm

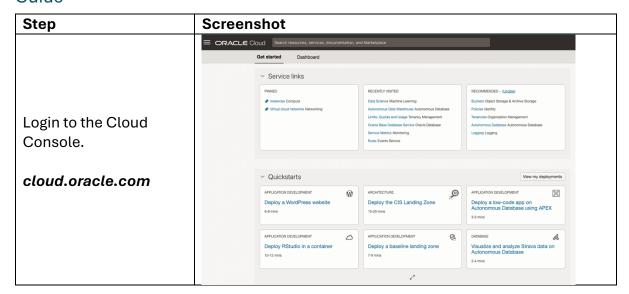
Description

With deployed models, you can create a model evaluation to evaluate its performance. You can choose a dataset from Object Storage or upload one from the storage of the notebook you're working in. BERTScore and ROUGE are the evaluation metrics available for measuring model performance. You can save the model evaluation result in Object Storage. You can set the model evaluation parameters. Under advanced options, you can choose the compute instance shape for the evaluation and optionally enter the Stop sequence.

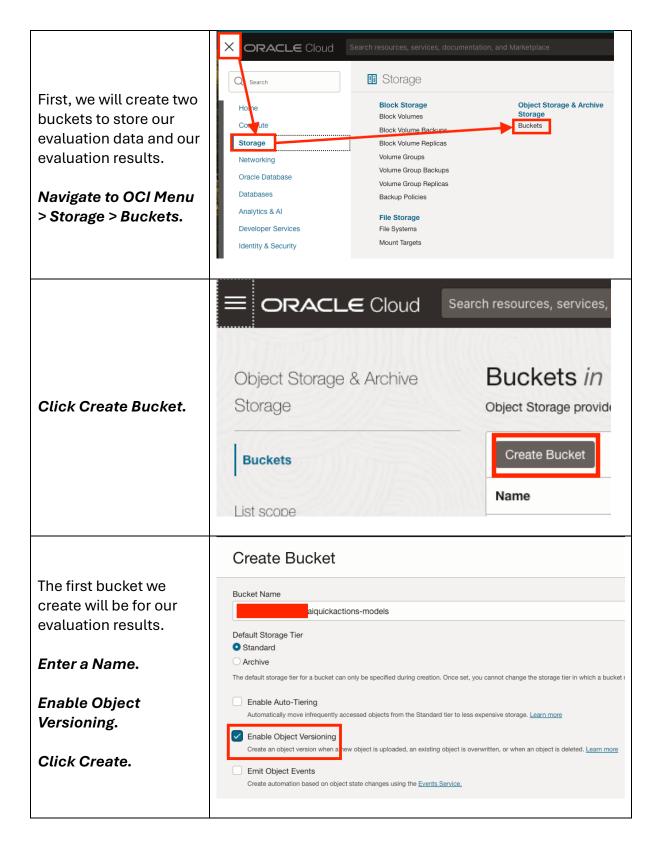
Pre-Requisites

- Implement the required policies https://docs.oracle.com/en-us/iaas/data-science/using/ai-quick-actions-set-up.htm
- Ensure you have your OCI Data Science GPU service limits raised for the GPU Shapes you plan to use. This can be done from OCI Console
- Provisioned OCI Data Science Project and Notebook Session (Must be deactivated and reactivated if created before the policies where implemented).
- Deployed Al Quick Actions Model.
- OCI Log Group & Log Created (Optional)

Guide



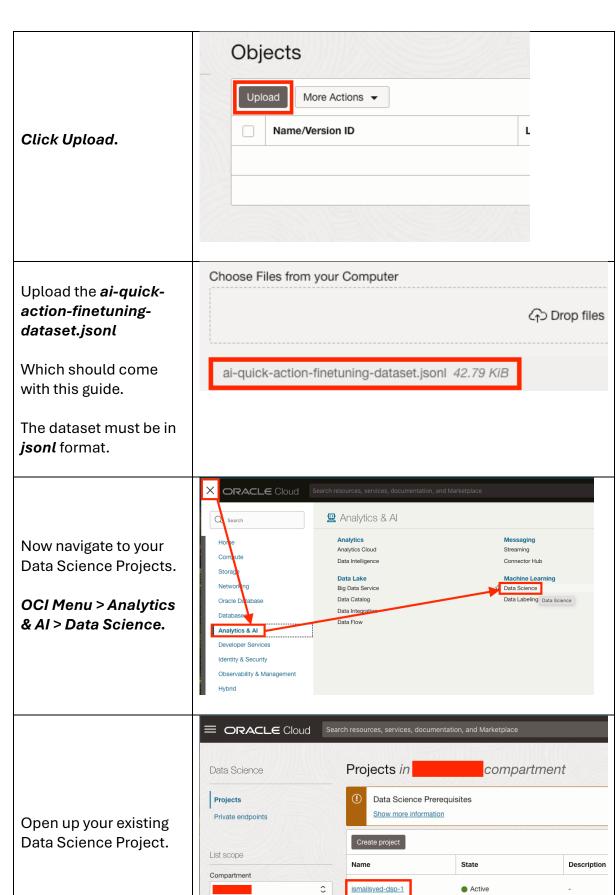






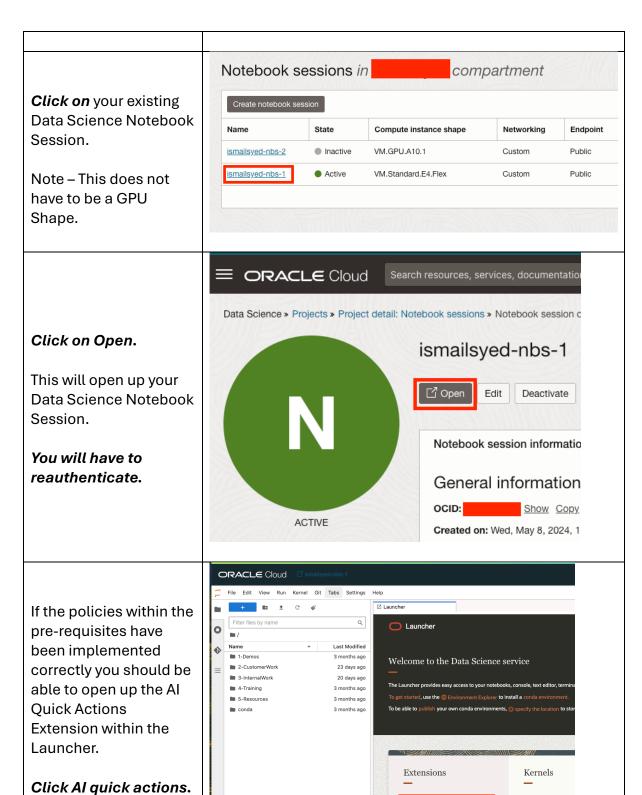
ORACLE Cloud Search resources, services, We will then create the Buckets in Object Storage & Archive bucket for our Storage evaluation data. Object Storage provide Click Create Bucket. Create Bucket **Buckets** Name List scope Create Bucket Bucket Name -aiquickactions-data Enter a Name. Default Storage Tier Standard O Archive **Enable Object** The default storage tier for a bucket can only be specified during creation. Once set, you cannot change the storage tier in which a bucket Versioning. Enable Auto-Tiering Click Create. Enable Object Versioning w object is uploaded, an existing object is overwritten, or when an object is deleted. Learn more Create an object version when Emit Object Events sed on object state changes using the Events Service. Compartment Buckets in Object Storage provides unlimited, high-performance, durable, and secure data stor Create Bucket Click on our Data bucket we just **Default Storage Tier** Name created. aiquickactions-data Standard -aiquickactions-Standard



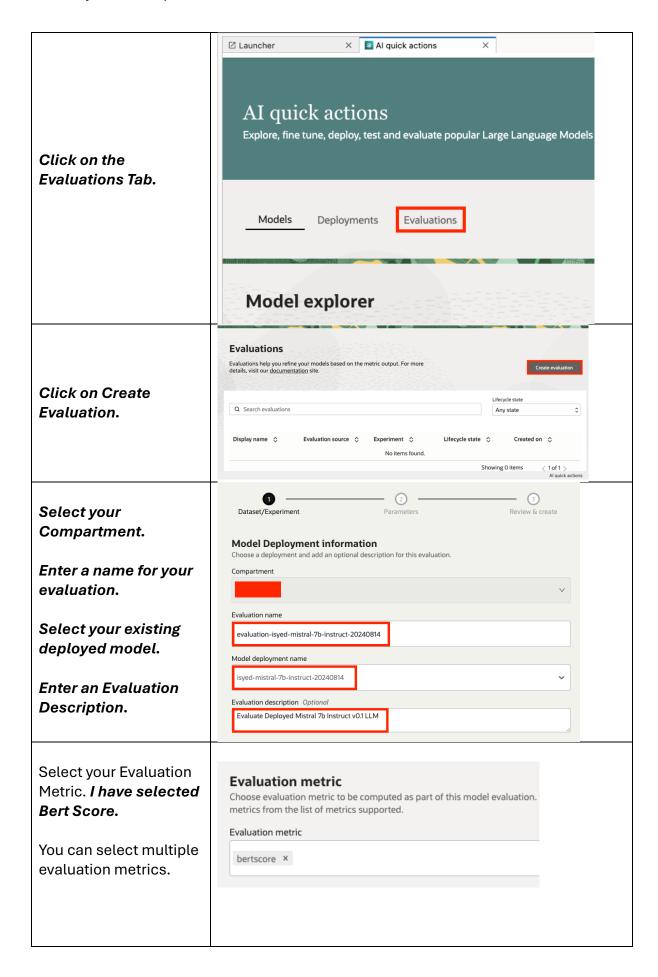


Filters











Select your Evaluation dataset. Choose an existing Choose an existing dataset Upload dataset from notebook storage dataset. Select compartment Select your compartment. Object Storage location ismailsyed-bucket-aiquickactions-data Select your Object Storage Bucket (Data Object Storage path Bucket) ai-quick-action-finetuning-dataset.jsonl File extension must be .jsonl and size less than 100Mb Enter path/name of your evaluation dataset. Experiment Define new Experiment. Choose an experiment for this evaluation. Or create a new experiment. Choose an existing experiment Create a new experiment Select Create new experiment. Experiment name **Enter Experiment** experiment-mistral-7b-instruct Name. Experiment description Optional Experiment for Mistral 7b Instruct **Enter Experiment** Description. Define where to save Choose bucket information to save the evaluation result. evaluation results. Select compartment Select Compartment. Object Storage location (Select Object Storage -bucket-aiquickactions-models Location (Model Object Storage path Optional Bucket). eval-mistral7b/ Must be a directory Enter path where to save results. Click Next.



