

EvaDB in Amazon SageMaker

GitHub: <https://github.com/shrn-sthsh/EvaDB-SageMaker-Container>

DockerHub: <https://hub.docker.com/r/ssathish6/evadb-sagemaker-container> (CPU-only)

<https://hub.docker.com/r/ssathish6/evadb-sagemaker-container-cuda> (CUDA GPU)

Feedback

The following are different feedback points received from part 1.

- ☐ Relatively simple implementation. Need to figure out how to enhance the scope of the project for phase 2.
 - For part 2, outside of normal EvaDB functionality on SageMaker, functionality for serving and training with EvaDB on SageMaker will be supported.
- ☐ Add a requirements.txt with EvaDB for easier reference through GitHub.
 - Will be added for reference on GitHub in coming commits.
- ☐ Add a README.md in the GitHub repo with more details.
 - README already exists with relevant details to what's already been done, and more will be added as more functionality is built. More details for what exists will be added as well, along with extra information about design.
- ☐ Convert the app to a set of Python files. Do not share a notebook in the repo or an EvaDB fork.
 - Will do. Existing notebook is unrelated to project and can be removed.
- ☐ Place the repository on public GitHub (github.com)
 - GitHub has been moved to public repository.

Part 2 Implementation

For part 2, the focus will be on creating the serve and training functionalities for SageMaker with EvaDB. This includes the implementation of the functions as well as launching and testing on Amazon SageMaker. Additional functionalities will be built as time permits, such as the same functionality for a Jupyter Notebook to be used on SageMaker as opposed to a Docker container.