

Week Nine Status

12/2/2022

TEAM RAD

Real-time Anomaly Detection

Goals:

- Deploy Pytorch model on Sagemaker endpoint
- Get Kinesis Firehose hooked up to the model → Define data labeling method with SageMaker Ground Truth

SageMaker:

- Figured out how image files are supposed to be constructed for our models on Sagemaker.
- Started trying to convert pth files into joblib files. Trying to understand how to organize directory to let .pth file work.
- **Next steps** - Fix errors with file conversion code. Upload joblib files to ECR and link that specific image to Sagemaker.
- Still working on jupyter notebook implementation and usage to host a jupyter notebook instance on SageMaker since the BETH dataset is built as a jupyter notebook. Still a good alternative option. - Gavin

Looking Ahead:

- Taking the time this week and until finals are over to finish documentation to a satisfactory level. Our deadline is December 15th for design and documentation.
- What are the expectations for over winter break? Meeting times, deliverables etc.
 - 2 more weeks of meetings. Resume after new years.

Notes:

- Use plugins or another service to grab live web traffic.