

WEEKLY STATUS REPORT

REPORT DATE	TRACK NAME	PREPARED BY
Oct 24th, 2021	IntegrityM (Combining new datasets and Modeling)	SeungHeon Han, Yihang Zhao, Yuwen Luo

STATUS SUMMARY

This week, we received new datasets “leie_nppes_matches” which includes more sanctioned providers based on the original leie dataset. Also, we received an extra dataset ‘Beyond_Compliance_Dataset’ which includes some important information such as termination, revocation, suspensions, and exclusions related to provider’s licenses. Based on that, we are combining the previous data with the new datasets.

Furthermore, we are meeting with the AWS team to discuss the set-up and usage of the AWS account.

PROJECT OVERVIEW

MAIN TASK	SUB TASK	% DONE	DUE DATE	ASSIGNED TO	NOTES
Wrangling and Combining the original data with new dataset “leie_nppes_matches”	Part B	100%	Oct 24th, 2021	SeungHeon Han	
Wrangling and Combining the original data with new dataset “Beyond_Compliance_Dataset”	Part B	50%	Oct 24th, 2021	SeungHeon Han, Yihang Zhao, Yuwen Luo	This dataset doesn't have 'fraud type' label

Learning about AWS Sagemaker system	creating a platform	80%	Oct 24th, 2021	SeungHeon Han, Yihang Zhao, Yuwen Luo	
	expanding storage	80%	Oct 24th, 2021		
	uploading Jupyter Notebook	80%	Oct 24th, 2021		

RISK AND ISSUE HISTORY

ISSUE	ASSIGNED TO	DATE
We received the new dataset “Beyond_Compliance” last Friday, which contains many variables. We still need to ask clients of the best usage of this new dataset as the new dataset does not have exclusion type data based on which we can label the CMS dataset.	Yihang Zhao, Yuwen Luo, SeungHeon Han	Oct 24th, 2021
After the meeting with the AWS team, our client is still working on creating an AWS account for our team. We are waiting for the AWS account to build models.	Yihang Zhao, Yuwen Luo, SeungHeon Han	Oct 24th, 2021

CONCLUSIONS & OUTLOOK

We will work on the new datasets we received and combine them with our original data. Furthermore, we are waiting for the AWS account to build our machine learning models. We also need to explore more on ‘Sagemaker’ of the AWS system to perform modeling in the several next steps.