THE PRODUCT BACKLOG

ID	USER STORY	PRIORITY	SPRINT	STATUS
01	As **DATA ENGINEERS**, we MUST set up the project workflow, so we can ensure that future developments will run as smooth as possible.	**MUST HAVE**	**SPRINT 01**	----
02	As **DATA ENGINEERS**, we MUST set up task management as well as evaluate requirements in user stories and use cases, so we can each perform individual tasks optimally and efficiently in an organized manner.	**MUST HAVE**	**SPRINT 01**	----
03	As **DATA ENGINEERS**, we MUST create a development environment using Docker, so we can start building DAGs in Apache Airflow.	**MUST HAVE**	**SPRINT 01**	----
04	As **DATA ENGINEERS**, we MUST be able to consume a data source that contains information about the tweet sentiment, so that we can predict the severity of a particular tweet.	**MUST HAVE**	**SPRINT 02**	----
05	As **DATA ENGINEERS**, we SHOULD clean our data, so we can ensure that we have data of the highest quality for increased data analysis.	**SHOULD HAVE**	**SPRINT 02**	----
06	As **DATA ENGINEERS**, we MUST utilize prepared data to train a model to find patterns and make predictions, so we can distinguish the severity of a tweet based off its text .	**MUST HAVE**	**SPRINT 02**	----
07	As **DATA ENGINEERS**, we MUST embed appropriate tests to our pipeline, so we can ensure our data goes through the proper quality checks, before being deployed to the end data consumers.	**MUST HAVE**	**SPRINT 03**	----
08	As **DATA ENGINEERS**, we SHOULD perform hyperparameter tuning upon our model, so we can increase its performance.	**SHOULD HAVE**	**SPRINT 03**	----
09	As **DATA ENGINEERS**, we SHOULD effectively deploy our pipeline into production, so we can start utilizing it for its intended use of detecting severity of tweets.	**SHOULD HAVE**	**SPRINT 04**	----