**Process and Tooling**

1. **Experiment Tracking**

We have integrated our training with MLFlow for experiment tracking. We have detailed our grid search program for finetuning in the M3 report. Once the best hyperparameters are found and the model is built, the model is pushed to MLFlow with the below code. We are storing the information below in the mlflow tracking.

* The best params found
* The model itself
* The evaluation metrics associated

#### **Model training with MlFlow integration code snippet**

A screenshot of a computer code

Description automatically generated

We exposed the training as an API for on-demand training. The API responds with the best parameters and the evaluation metrics also.

1. **Data Versioning**