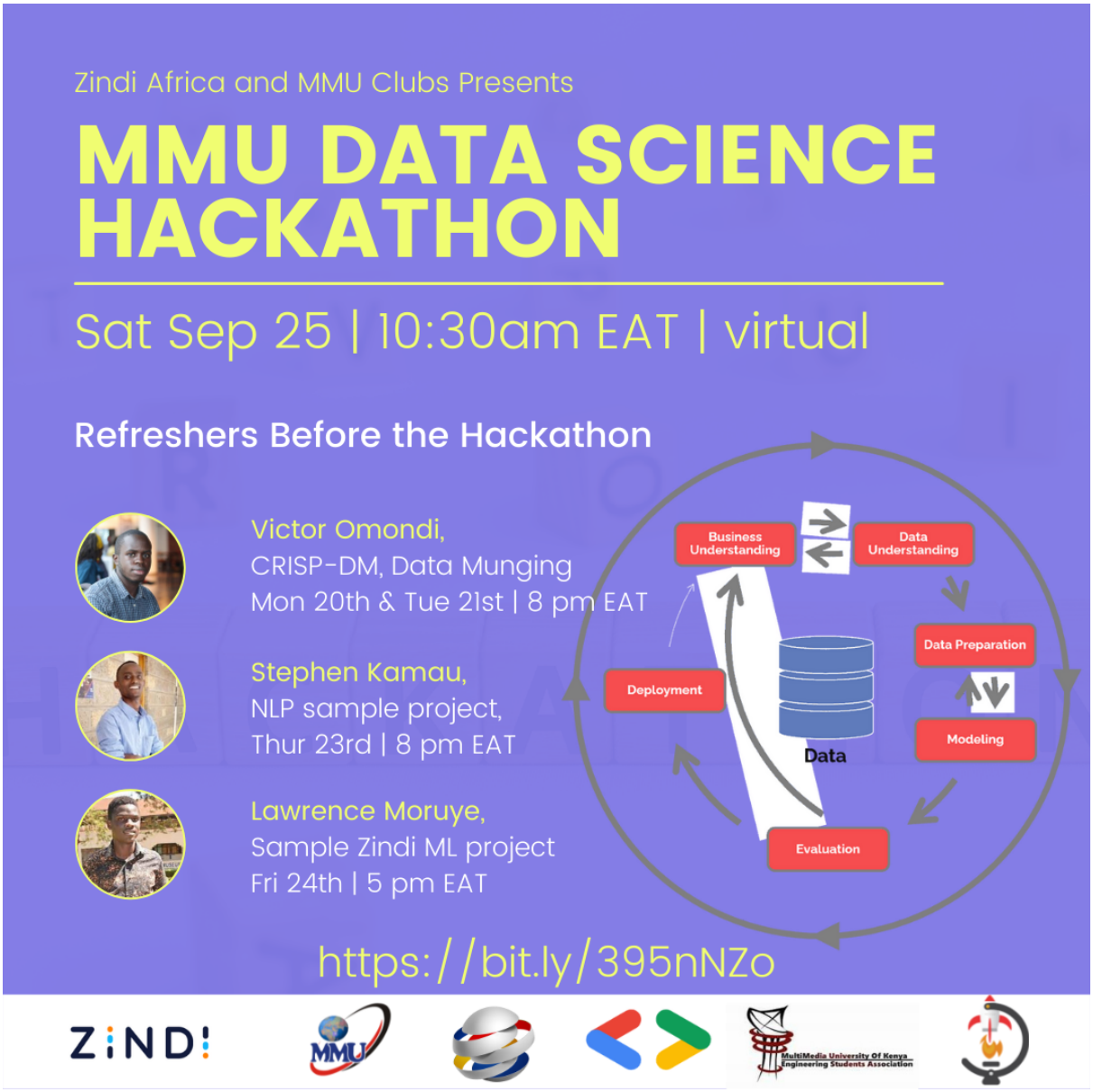

Using CRISP-DM and Data Munging Refresher

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SAMPLE ML PROJECT

Background

Airbnb is an American vacation rental online marketplace company based in San Francisco, California, United States. Airbnb offers arrangements for lodging, primarily homestays, or tourism experiences. The company does not own any of the real estate listings, nor does it host events; it acts as a broker, receiving commissions from each booking.

Problem Statement

As a Data Scientist working for Airbnb, you have been tasked to create a model that predicts Airbnb rental prices for the city of Amsterdam. Popularity for Airbnbs in Amsterdam has grown over the past years and you are required to build a solution the would make optimal predictions.

In this project, you will be required to perform hyperparameter tuning techniques to your most accurate model in an effort to achieve optimal predictions.
You can use the following guiding notebook. [https://bit.ly/2DHP3AK]

Dataset Information

This data provided is an open-source dataset from Airbnb with a cut-off date of 16th April 2020. This is a summary dataset, which means a lot of non-essential columns have been trimmed to make the data easy to use and understand.
Dataset URL = https://bit.ly/31fkomB
Dataset Glossary URL = https://bit.ly/3klxdEn

Acknowledgements

The dataset was sourced from Inside Airbnb [http://insideairbnb.com/get-the-data.html].