**Azure Machine Learning**

Model monitoring is an essential step which helps the developers make a better decisions while choosing a model and also takes care of the inevitable feature drifting problem.

To do model monitoring we will be using azure machine learning service.

**Azure Machine Learning**

Go to [azure portal](https://portal.azure.com) and create a new "machine learning" service. It always a good practice to create a new resource group for every different service so create a new resource group and fill the necessary fields.

**Files required**

1. Training code
2. Dataset
3. Envfile.yml contains the information regarding environment we are running the training code in. It's a good practice to create a new environment(locally) for a new project.
4. Azure\_ML.ipynb contains all the code requirement to use the azure machine service using azure machine learning python sdk.
5. Config.json inside .azureml folder which is present at root. The config file can be downloaded from machine learning service page you just created.

**Steps**

Change the following variables in Azure\_ML.ipynb :

1. resource\_name
2. workspace\_name
3. experiment\_name
4. compute\_target

**Nomenclature**

project\_title\_date

Example --> tracking\_facialrecognition\_25012022 , kc\_pettiesnightforecasting\_25012022