MLOps

1. Experiment tracking using MLflow in Machine Learning – Model Versioning & Model registry

* MLflow is an open source platform to manage the ML lifecycle, including experimentation, reproducibility, deployment and central model registry
* MLflow offers four main components:

1. MLflow tracking / Experiment tracking
2. MLflow projects
3. MLflow models
4. Model registry

Step 1: Create conda environment

1. Use anaconda prompt and use the following command to create an environment

**conda create -n envname python=3.9 ipykernel**

1. Activate the environment

**Conda activate envname**

1. **Add the newly created environment as a notebook to the kernel**

**python –m ipykernel install –user –name-envname**

1. **Install notebook inside the environment**

**Pip install notebook (this command will be used to get the jupyter notebook)**

1. **Install all the dependencies to**