Machine Learning Model Deployment with IBM Cloud Watson Studio

Phase 3 submission

- **Prepare Your Model:**

Ensure that you have a trained and evaluated machine learning model from your previous phases.

- **Access IBM Cloud Watson Studio:**

Log in to your IBM Cloud Watson Studio account.

- **Create a Deployment Space:**

In your Watson Studio environment, you'll typically create a deployment space to organize your model deployments. This is where you'll manage the deployment of your model.

- **Deploy Your Model:**

Inside your deployment space, you can select your trained machine learning model and deploy it. Watson Studio should provide you with options to deploy the model as a web service.

- **Configure Deployment:**

Configure the deployment settings, including the number of instances, CPU, memory, and other resource settings based on your project's requirements.

- **Generate Deployment Endpoint:**

Once the deployment is successful, Watson Studio will generate a unique endpoint URL. This URL can be used to interact with your deployed model.

- **Test the Deployed Model:**

After deployment, test your model to ensure that it's working correctly. You can use the deployment endpoint to send sample data and receive predictions.

- **Integrate with Applications:**

If your project involves integrating the model into an application or system, use the provided endpoint to make API requests from your application to the deployed model.

- **Monitor and Manage Deployments:**

Watson Studio typically offers tools for monitoring your deployed models, including usage statistics and resource management. Keep an eye on your deployed model's performance.

- **Documentation and Reporting:**

As part of your submission, provide documentation on the deployment process, including the deployment endpoint, how to access the model, and any additional configuration details. This documentation should be included in your project submission.

specific steps and options may vary depending on the version and features of IBM Cloud Watson Studio available at the time of your project. Be sure to refer to the platform's official documentation and user guides for detailed instructions on deploying machine learning models