# Deployment

## Overview

This folder contains resources for deploying machine learning models and applications, including using Flask, FastAPI, and Docker.

## Content

- \*\*flask\_deployment.py\*\*: Example of deploying a model using Flask.

- \*\*fastapi\_deployment.py\*\*: Example of deploying a model using FastAPI.

- \*\*docker\_setup.md\*\*: Instructions for containerizing applications with Docker.

## Purpose

To learn and implement deployment techniques for making machine learning models and applications available in production environments.

## References

- [Flask Documentation](https://flask.palletsprojects.com/en/2.0.x/)

- [FastAPI Documentation](https://fastapi.tiangolo.com/)

- [Docker Documentation](https://docs.docker.com/)

## Usage

Follow the examples and documentation to deploy models using different technologies. Set up Docker containers as per instructions.