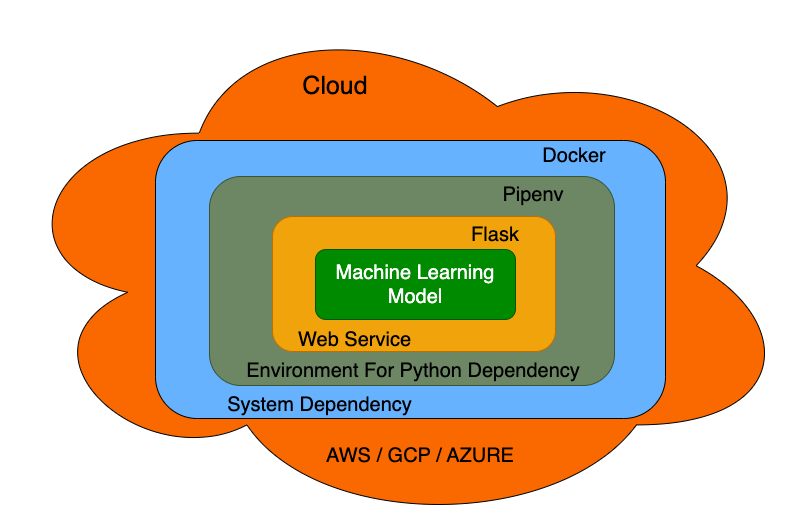
# Machine Learning Zoomcamp

# Week\_5: Machine Learning Model Deployment

From Data to Deployment: A Comprehensive Guide to Deploying Machine Learning Models

1. Save Machine Learning Model
2. Serve model via Web Service (Flask, Fast API, Django)
3. Setup environment python dependency
4. Setup System Dependency via Docker
5. Deploy docker image on Cloud (AWS / GCP/ AZURE)

Thanks @[Alexey Grigorev](https://www.linkedin.com/in/ACoAAAW0LKEBXPrPQ9kGjzloHkzNwHOFxLiHcBU)



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Saving Machine Learning Models:

Saving a machine learning model is an essential step in the machine learning workflow. You typically save a trained model so that you can later reload it for making predictions on new data without the need to retrain it. The method for saving a model can vary depending on the machine learning framework or library you are using. Here we are using Pickle to save scikit-learn model.

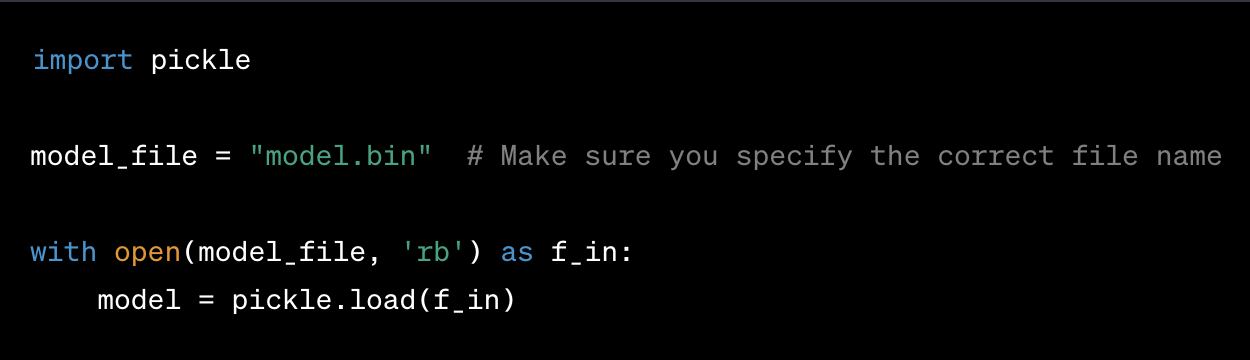
Thanks #DataTalksClub and @[Alexey Grigorev](https://www.linkedin.com/in/ACoAAAW0LKEBXPrPQ9kGjzloHkzNwHOFxLiHcBU)

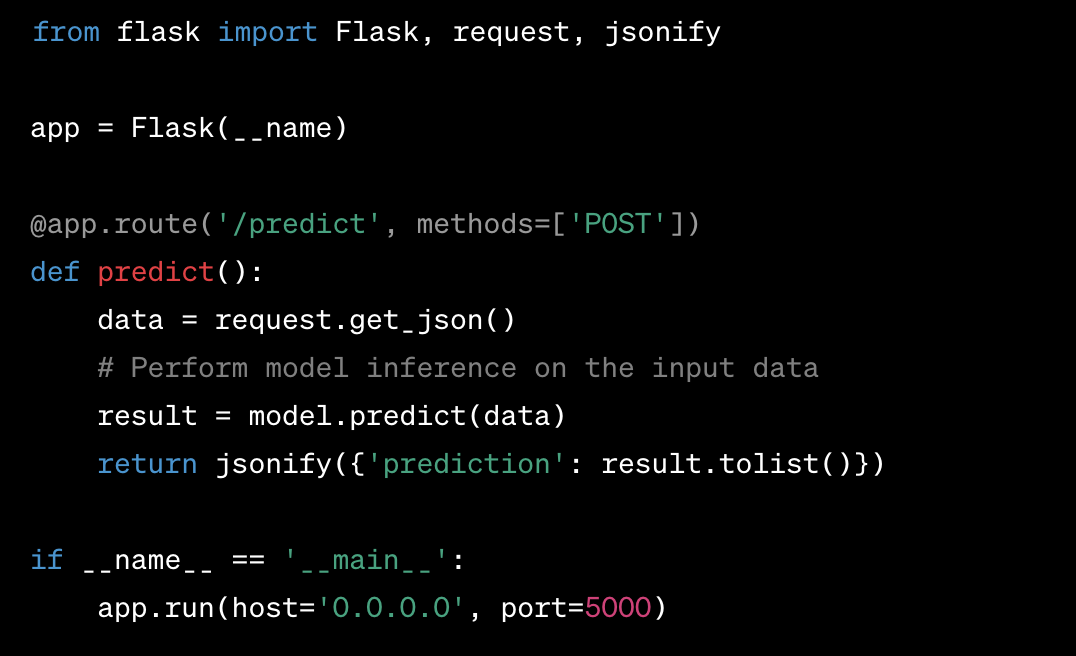
A computer code on a black background

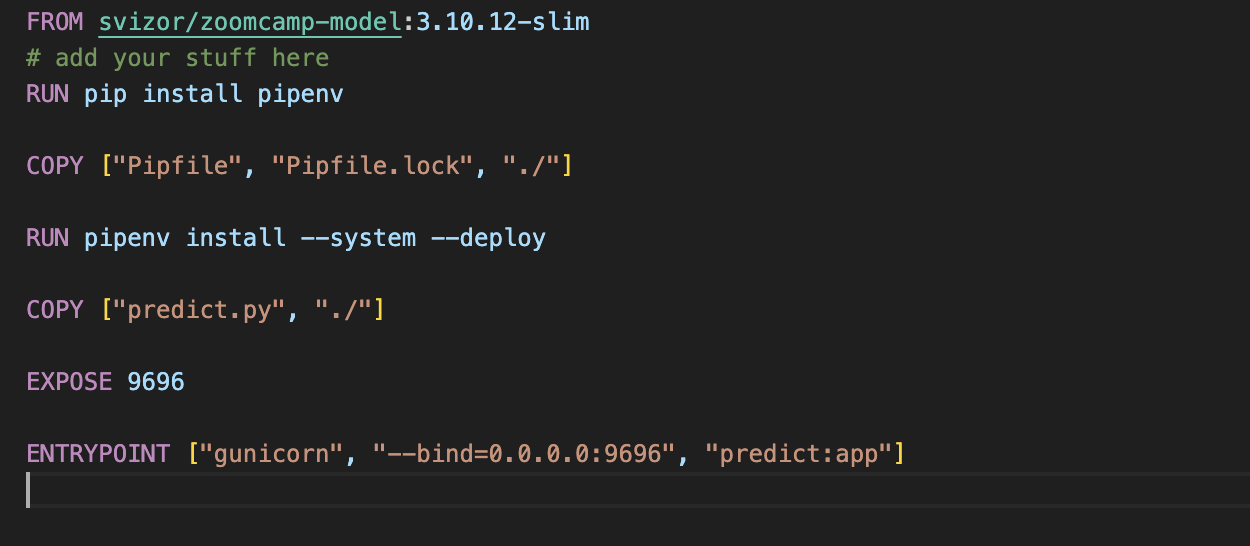
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Load model and serve through web service. That web service could be Flask, FastApi, Django etc.







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