1. Use Flask for web app framework
2. Train and save ML model, save using joblib or pickle
3. Create API to serve the model
4. Deploy API (backend)
5. Connect API to front end
6. Deploy web application

Using Flask

<https://flask.palletsprojects.com/en/stable/quickstart/>

* Import flask into python
* Create an instance of flask
* Use route() decorator to tell Flask what URL should triger unction

Save ML Model

* Object serialisation

Create API to serve

* API endpoint that accepts input data and returns predictions

Connect Front end to backend

* Javascript front end will send http requests to Flask API

Deploy with Web App

* Use stuff like Heroku, AWS lambda, google cloud run
* Use stuff like netlify or firebase hosting

Maybe use databases?

Need to dicuss how input works

Spotify Api?

* Set up spotify developer account
* Authenticate Users
* Add a redirect url in spotify developer dashboard
* Get user authentication
* Get access token
* Fetch user’s listening data
* Integrate with web app (use flask to serve spotify data for backend or use javascript if front end)
* Then that data gets fed to algorithm.