

Problem Statement: Design a complete architecture using the native services (possibly you can also consider OPENSOURCE) of AWS and AZURE clouds for a given AI / ML case study.

Consider you are building an AI /ML model for weather prediction from a particular region.

Generic Flow / tasks would be:

1. Take the previous data from a region
2. Add capabilities to filter the data
3. Build a model / use pre-built model
4. Add any other services if required
5. Integrate CI / CD for deployment
6. Monitoring tools / services
7. Feedback loop

NOTE:

1. List all the steps before proceeding to the design diagram
2. List assumptions if any
3. Do not copy from google images
4. Viva question will also come from this assignment.