**Fetches the configs from Hydra**

PyTorch Lightning — **Week 0**

Weights & Biases — **Week 1**

HYDRA — **Week 2**

**Converts the trained model to ONNX format**

DVC — **Week 3**

ONNX — **Week 4**

docker — **Week 5**

**Persists the trained model to S3**

AWS S3

**Fetches the trained model from S3**

**Uses Docker to Package the model & dependencies**

GitHub Actions — **Week 6**

**Builds the Docker Image with trained model & Pushes it to ECR**

AWS ECR — **Week 7**

**Fetches the Docker Image from ECR and Updates Lambda**

**Passes the request to lambda**

**Request a query**

AWS Lambda

**Computes & returns the result**

API Gateway

**Returns the response**

End User

**Week 8**

**Writes the logs to cloudwatch**

Cloudwatch Logs

**Streams the logs to ES**

Elasticsearch Cluster

**Fetches the logs from ES**

Kibana

**Updates the dashboard with latest logs**

Monitoring Dashboard

**Week 9**

## MLOps Basics Flow