Data Science platform to solve large ML problems, By aiding a data scientist, engineers with the necessary software skills in neat abstract yet effective way to deliver an ML solution as a highly scalable web-service (API) or as a Docker Container.

During the experimentation to production process, we want to enable the data scientist to execute a machine learning project in a truly end-to-end way by providing them with end to end tools.

The platform is where the data scientist/engineer will be able to leverage his existing skills to

* Engineer and study data
* Make Features
* Train and tune ML models
* Finally deploy the model as a web-service /Docker container

It would dynamically provisioning the required hardware, orchestrating the entire flow and transition for execution.

Hence the data scientists doesn’t need to concentrate on

* Provision infra
* Automate infra
* Install software
* Find data
* Fix pipelines
* Continuous integration and Deployment
* Test (A/B Testing , Integration testing)
* Deploy

Platform also takes care of Model life cycle management, hence it has a

* Model Registry to store the model/s information
* Tracking(Record and query experiments)
* Packaging format for reproducible runs
* Serve and Deploy Model as a Service or Container