

# Why Polyaxon

- An end-to-end solution
- Containerized workload
- Unified and pluggable platform
- Declarative and programmatic API
- Portable Stack



# Powerful workspace

- Command line interface, SDKs and clients
- An extensive tracking api for in-cluster and on other platforms workloads
- A dashboard with visualisations and advanced insights
- Advanced Query & search interface
- Notebooks integration
- Tensorboards integration
- CI system for automating training of your experiment based on different types of triggers.



# Reproducible results

- You can see the full experiment history at a glance, including when, who and where.
- Auto-document all experiments with statuses, metrics, hyperparams, source code, data, visualizations, artifacts and resources used in each experiment.
- Advanced insights and comparison of experiments based on results, hyperparams, versions of training data and source code.



# Built-in Optimization engine

- Grid search
- Random search
- Hyperband
- Bayesian Optimization



# Pipeline engine

- Easy-to-use
- Scalable
- Flexible
- Reusability

