



OROCK AI CLOUD PRECISION PROCESS

An AI model's success starts with an understanding of every critical stage of the project's lifecycle, from analyzing your data, model selection & training, to deploying models into production.

1. DATA ANALYSIS

Data Identification, Collection & Analysis
Scrub Data Through Preprocessing
Construct "ETL" Pipelines



2. SELECT MODEL FRAMEWORK

Select the Machine Learning Algorithm Suitable for Project
Evaluate Data Within The Model

3. BUILD MODEL

Use ORock AI Cloud Instances for Compute, Storage & Network
Build Model using Jupyter Notebooks & ORock AI Cloud Libraries



4. TRAIN MODEL

Select Compute Architecture, CPU, GPU or RDUs
Train Model on ORock AI Cloud
Evaluate and Test Model Results

5. VALIDATE AND COMPILE MODEL

Use Cross-Validation to Fine-Tune Models
Compile Model for Optimized Performance on ORock AI Cloud



6. DEPLOY MODEL

Leverage ORock AI Cloud for Production Deployment
Automate ML Model Deployment Process
Continuous Monitoring of Model Performance

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