



POWERUP

POWERUP Machine Learning Minimum Viable Model and Pipeline

Create a Machine Learning model or Google Cloud pipeline to bring your ML proof-of-concept to market

Minimum Viable Model

You know a Machine Learning solution is right for you, but could use help selecting a model or building one yourself.

POWERUP Machine Learning Minimum Viable Model helps you through the iterative process of developing an initial model based on your specific business use case. You'll end up with a custom solution and a better understanding of where to take it next.

Activities:

Milestone 1: Explore data

Perform analysis to understand your data

Milestone 2: Select algorithm

Identify data science and Machine Learning approach

Milestone 3: Develop feature engineering pipeline

Create the right features from raw data for the ML task

Milestone 4: Build ML model

Develop, train, and evaluate the model on test datasets

Milestone 5: Iterate ML model

Refine ML model to improve performance and efficacy

Milestone 6: Finalize documentation

Document and hand-off the ML model

Minimum Viable Pipeline

Your ML model performs well, but you could take advantage of a pipeline built in Google Cloud.

POWERUP Machine Learning Minimum Viable Pipeline provides a scalable, composable, and secure ML pipeline in Google Cloud to easily and quickly bring your ML solutions to market.

Activities:

Milestone 1: Gather requirements

Review infrastructure and gather requirements for pipeline needs

Milestone 2: Understand model

Understand the business goal and data required for the model

Milestone 3: Identify composable components of the pipeline

Confirm that your design meets operational requirements

Milestone 4: Create ML Pipeline

Generate pipeline in your Google Cloud account

Milestone 5: Onboard users

Perform testing to confirm users' ability to understand and run the pipeline

Milestone 6: Finalize documentation

Write and deliver technical design document



Minimum Viable Model

Key deliverables

- / An **initial ML model** including code to train your model and evaluate its quality
- / A **technical design document** describing the model's architecture with recommended next steps on model iteration

Minimum Viable Pipeline

Key deliverables

- / A secure **ML pipeline deployed** on Google Cloud to quickly bring your ML solution to market
- / A **technical design document** with an inventory of Google Cloud configuration decisions
- / **Pipeline code** and scripts to launch pipelines

“I can count on one hand how many times I’ve completed an engagement where I felt like going out of my way to work with a vendor. SADA has been added to my list of those vendors. The team—from sales to engineering, through advisory, and project management—were honest, managed my expectations very well, lived up to their commitments, and delivered a solution that represents the next generation of our platform.”

Jason Lancaster

Manager of Exchange Infrastructure | Block.one

Partner with the best

At SADA, we climb every mountain, clear every hurdle, and turn the improbable into possible – over and over again. Simply put, we propel your organization forward.

It's not enough to migrate to the cloud, it's what you do once you're there. Accelerating application development. Advancing productivity and collaboration. Using your data as a competitive edge. When it comes to Google Cloud, we're not an add-on, we're a must-have, driving the business performance of our clients with its power.

Beyond our expertise and experience, what sets us apart is our people. It's the spirit that carried us from scrappy origins as one of the Google Cloud launch partners to an award-winning global partner year after year. With a client list that spans healthcare, media and entertainment, retail, manufacturing, public sector and digital natives – we simply get the job done, every step of the way.



A few of our clients

