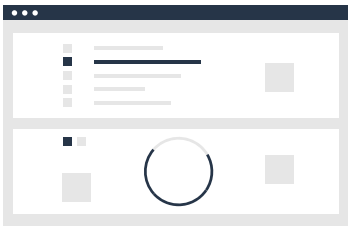# UbiOps
by Dutch Analytics

Turn your data science efforts into products and greatly reduce your time-to-market.

all statements provided by **ASSET Rail**

Mart Folkerts
Head asset management at Asset Rail

BUSINESS CASE

85%
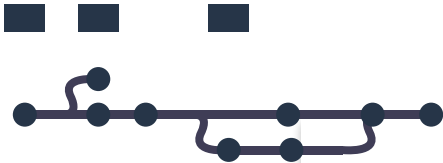cost reduction is what we achieved using UbiOps

Deploying a single model is relatively easy, be it on a VM, docker container UbiOps or somewhere else. The problem arises when you need to have multiple models and/or pipelines which need fixing, changes or improvements. The more complex the project grows and evolves over time, while maintainable by a small team of analytics, the larger our ROI will be.

We don't have to worry about the continuous maintenance of our models and pipelines, even when things get more complex.

USE CASE

Using UbiOps we can quickly conduct pilots, and if successful, deploy it in production. We use UbiOps for different types of scripts: data cleaning/reshaping, several regression models and one neural network.

We find UbiOps particularly useful to route data from models using the pipeline functionality.

INTEGRATION

UbiOps allows us to quickly show the value of the work we do. We can easily build UbiOps into the backend of web/mobile applications. The logic stays on UbiOps, but external parties are able to ask and get results from our models effortlessly.

RELIABILITY

With UbiOps we do not have to worry about the underlying infrastructure. For example, our previous projects had large requests done infrequently (daily), but we could trust that those will keep working. For a different project we require a higher frequency (every 3 minutes) response for smaller calls, which we are implementing right now.

Enrique Gutierrez
Data scientist at Asset Rail

WE USE UbiOps ON AZURE

Via Linux VMs, calls are orchestrated to UbiOps. The models then store information in Postgres Databases, using the standard connectors from UbiOps.

USABILITY

What I mostly appreciate are the fast response times and user friendly UI.

I would like to start using the ubiops-cli tool to automate deployments to further reduce friction of going from local development to a functional deployment.
Moreover, it's very flexible. Have a new database, schema or storage platform? Just add a connector to the pipelines. Want to conduct live A/B tests? Just add another model to the existing pipeline, and run it without compromising the existing infrastructure.

SUPPORT

The support team has responded quickly to our previous requests and we are very satisfied with their service to us.

UbiOps allows ASSET rail to successfully score the health of railway switches in the Netherlands, on a daily basis, with minimum CAPEX and low overhead costs for developers, using UbiOps.

Features https://ubiops.com/features/

Get free access to UbiOps and its functionality.

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