

Cuorium - eCabs

eCabs has partnered with Noovle Malta Ltd, the international branch of Noovle S.p.A, part of TIM group and their main partner Google Cloud, to carry out a machine learning project.

The challenge

Elevate eCabs' technology support of the company's internationalisation plans by allowing instant, consistent and scalable improvement to its proprietary platform. The technology, based on the full cloud native paradigm will accordingly enhance the optimised user experience by learning from automated decisions rooted in big data processing.

The solution

Evolution of architecture from monolithic stack to use of GCP services with containerized layers and distribution of workloads on parallel node via k8s. Replatforming from legacy on-prem DB vs. Cloud SQL with less time spent on database management and more time on innovation. Production-grade environment to develop and use ML models with VertexAI according to the MLOps paradigm.

The results

eCabs is planning to use its data to create the future of self-learning software in their vertical, which shall be able to scale quickly based on big-data-driven decisions made by the machine learning process. Additionally, via this ambitious undertaking, the technical teams of eCabs are exposed to a great learning curve as they work with the best of the best professionals in the field.

“ This is only the beginning. By improving our supply and demand analysis, we will be able to positively impact all other software components of our platform, such as estimated time of arrival and map mechanics to mention but a few examples. This is an important evolution of every aspect of the eCabs platform, which eventually boosts the data-driven aspect of our business by using automation ”

Luca Di Michele, CTO



About Cuorium Ltd

A startup that disrupted the local cab industry in 2009 and evolved into a technology company and now dominating the Maltese market.

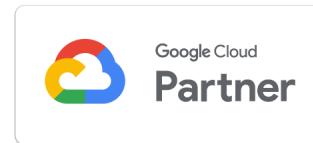
Industry: Tourism & Leisure

Primary project location: Malta



About NOOVLE S.P.A. SOCIETA' BENEFIT

Noovle S.p.A. is the TIM Group leading cloud enabler and Center of Excellence supporting the digital transformation of Italian public/private company



Products

Google Cloud Platform