🚀 SQUARESHIFT

EdTech leader uses real-time activity reports to track L&D progress

99%
real-time reporting

39%
Increase in learning

6x
Learner engagement

CLIENT

The client is an EdTech unicorn that offers a SaaS platform for employee learning, skills and career mobility.

The platform helps companies to attract, develop and retain a high-performance and future-ready workforce.

AT-A-GLANCE

Challenges

- The company's goal is to provide learners and L&D managers with real-time reports so they can understand the state and trends of L&D.
- The learners' activities were lagging in the BI reports. The algorithms developed by the data scientists lacked real-time data. Web page numbers and BI reports have never aligned.

Solution

- Looker provided near real-time insights for end user with possibility of embedding the same report in web page.

PROJECT CONTEXT

The company's goal is to give learners and L&D managers access to real-time reports so they can stay informed about the state and trends of L&D. The BI reports had a lag in the learners' activities due to the nightly batch procedure.

The algorithms developed by the data scientists lacked real-time data. Web page numbers and BI reports have never aligned.

PROJECT OBJECTIVES

- Do a TCO and UX analysis so the customer is clearly aware of the benefits of Looker reporting.
- Enhance web page experience with rich visualisation embedded in them
- Real-time analytics of all reports using the same golden data

SOLUTION DELIVERY

- Together with the client, SquareShift Technologies' Looker-certified solution architects created a blueprint architecture using just Serverless components.
- With the option to embed the same report on a web page, Looker offered end users almost real-time insights.
- Kafka was used to create real-time pipelines from all data sources, and Spark was used to enrich the data.
- Learners and L&D managers were able to see their activities and progress in real-time.

TECHNOLOGY STACK

Looker | Google BigQuery | kafka | Google Cloud Functions | dbt