

Spring School on Data Science 2021

Case study from Luxoft

Initial Business Vision:

To create **the global and the most complete database** that provides the full scope of biographical data of pilots, competition results for use of International Car Racing Sports organization (ICRS) and its' stakeholders.

Key drivers to create the product are:

- Organizations (local and international Car Racing federations) were **treating their data in a different ways**
- **Incomplete** data collection and data transfer approaches amongst the stakeholders
- External providers have the most complete info base, but the **quality of their data** does not match expectations and the **cost** is high
- There was **no global reliable source** of bio and results data of the pilots

The ICRS product is designed to solve these issues for the following key users:

- International Car Racing Sports organization
- Local and international Car Racing federations
- Sportsmen (pilots)
- Media (journalists, publicists)

The main objectives of the project are:

- To allow updating, editing and sharing of biographical data and results of pilots. The top goal would be to become the only source of trusted data (and not to use external providers)
- To improve the quality of data supplied for Car Racing Sports stakeholders
- To integrate the product with as many local and international stakeholders (e.g. communities) as possible
- To supply live data API formats to any data subscriber (e.g. Reuters)
- Nice to have: to create a monetization model (e.g. selling extra data to Media agencies like CNN)

The main objective **is to provide an overall data provision** for the Car Racing Sports organization and stakeholders

Expected outcome:

- To have the database with the most comprehensive data migrated from different sources, treated with different level of accuracy
- To be able to transfer data in real-time mode
- To generate reports for Media
- UI that could be used by key users