

Spheric: Data Analytics Application for Media Industry with Big-data Analysis Capabilities using OutSystems/BigQuery/Tableau



Spheric provides an unprecedented view into what is happening with OTT media titles around the world. Also, keeps an eye on your titles 24/7 for correct pricing, licensing and more

Created a web based work flow solution to fulfill metadata mgmt. services with **OutSystems platform**.



- Application provides **end-to-end visibility** throughout the process of metadata mgmt. to various business users according to their role using **Tableau visualization**
- **PHP utilities** developed to scrape data across various online media storefronts and the data is stored in **MYSQL** for preliminary cleansing
- Daily data transfer to **Google Cloud** and same data is processed via **Google BigQuery** for further analytics
- Implemented API Integration with **PHP/Tableau** using Superb API exposing/consuming web services
- User can upload data to the system and tracks individual Title/PCT at various stages
- Architected and implemented strategy for **rapid application development** and deployment
- Key extensions developed using **OutSystems integration studio** e.g. excel import/export, BigQuery, email management, AWS S3 integration, PDF printing

