BLACKSWAN

The future of analytics we are building

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Contents

Architecture Overview

Design & Functionality

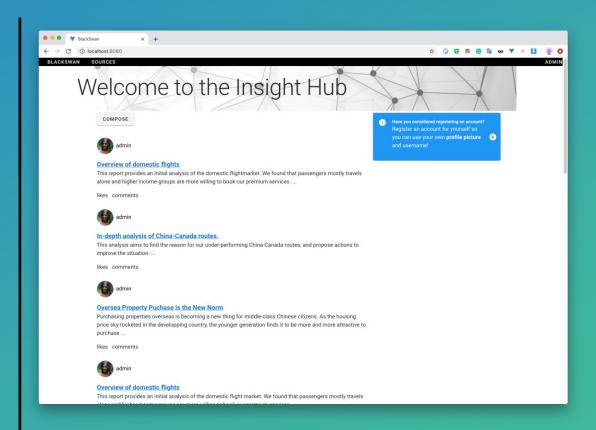
Tech Stack

Architecture Overview



HOME PAGE

Easy digestion of insights



Home Page - Components

ADMIN SETTINGS LOG OUT

Current user menu

ADMIN

Navigation bar

BLACKSWAN

SOURCES

Velcome to the Insight Hub

with user avatar

Opinion card

COMPOSE



Overview of domestic flights

This report provides an initial analysis of the domestic flightmarket. We found that passengers mostly travels alone and higher income-groups are more willing to book our premium services. ...

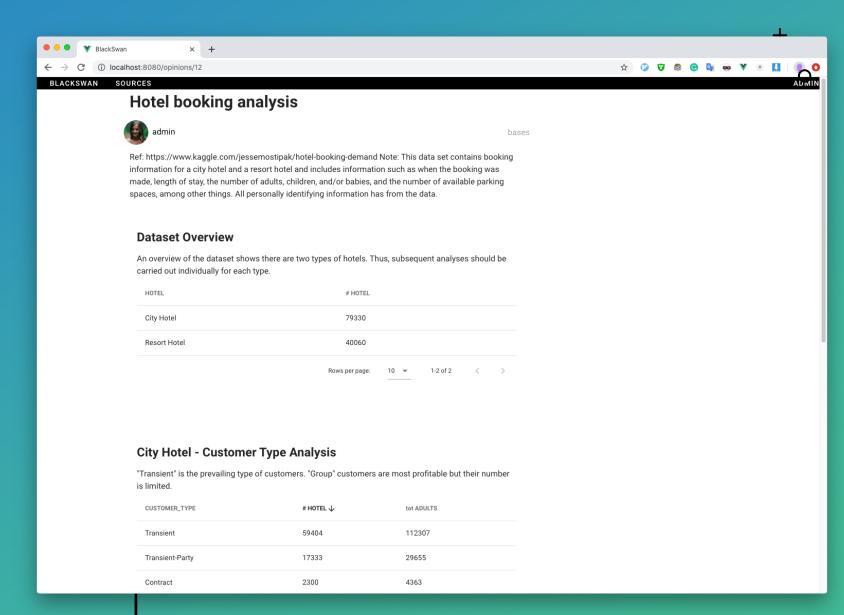
likes comments

i Have you considered registering an account?
Register an account for yourself so
you can use your own profile picture
and username!

Contextual notifications

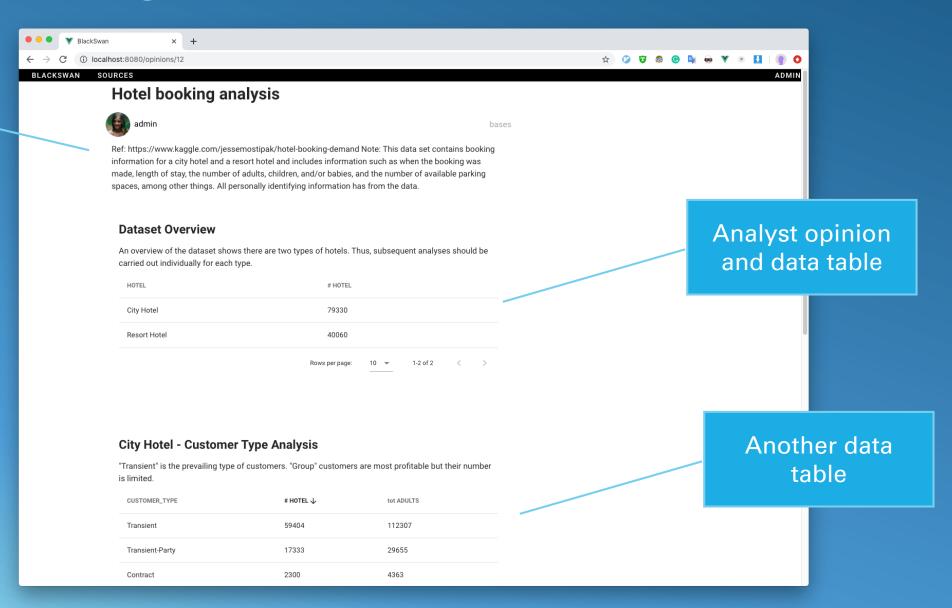
OPINION PAGE

Perfect mix of data and interpretation.



Opinion Page - Components

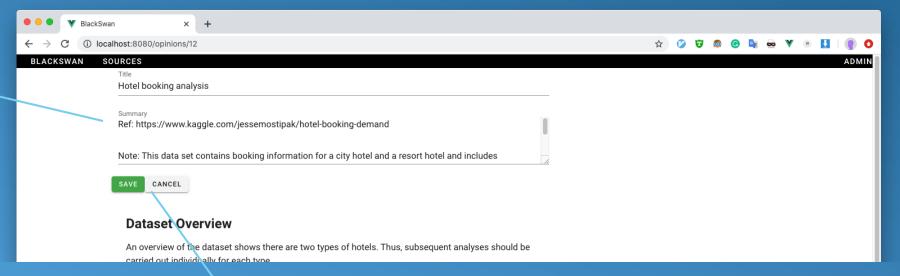
Title, author, and notes



Opinion Page - Editing

Double click on title or note area to edit

Edit insight title and notes



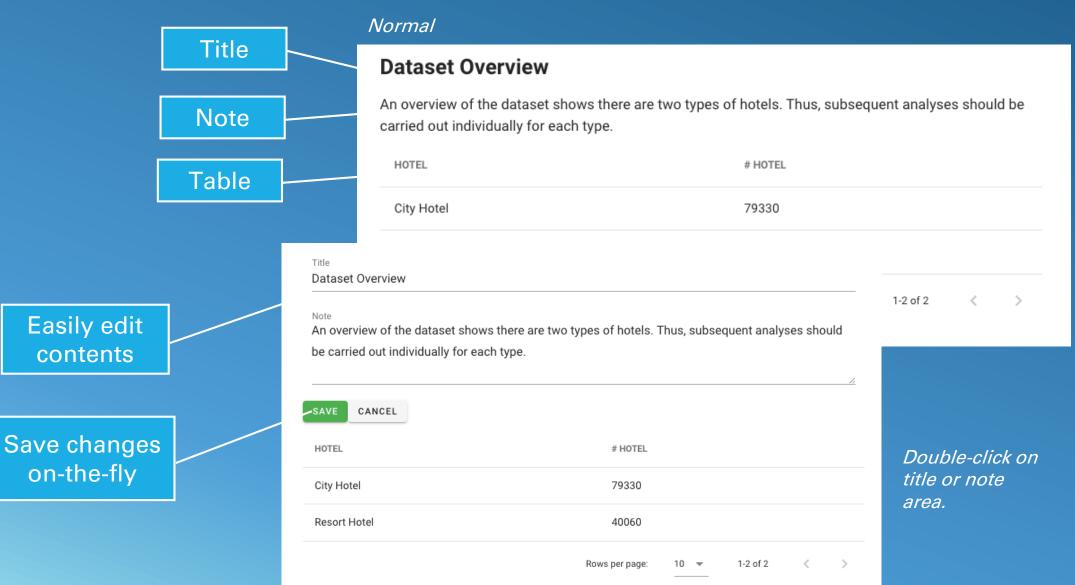
Save changes on-the-fly with RESTFul API

DATA TABLE

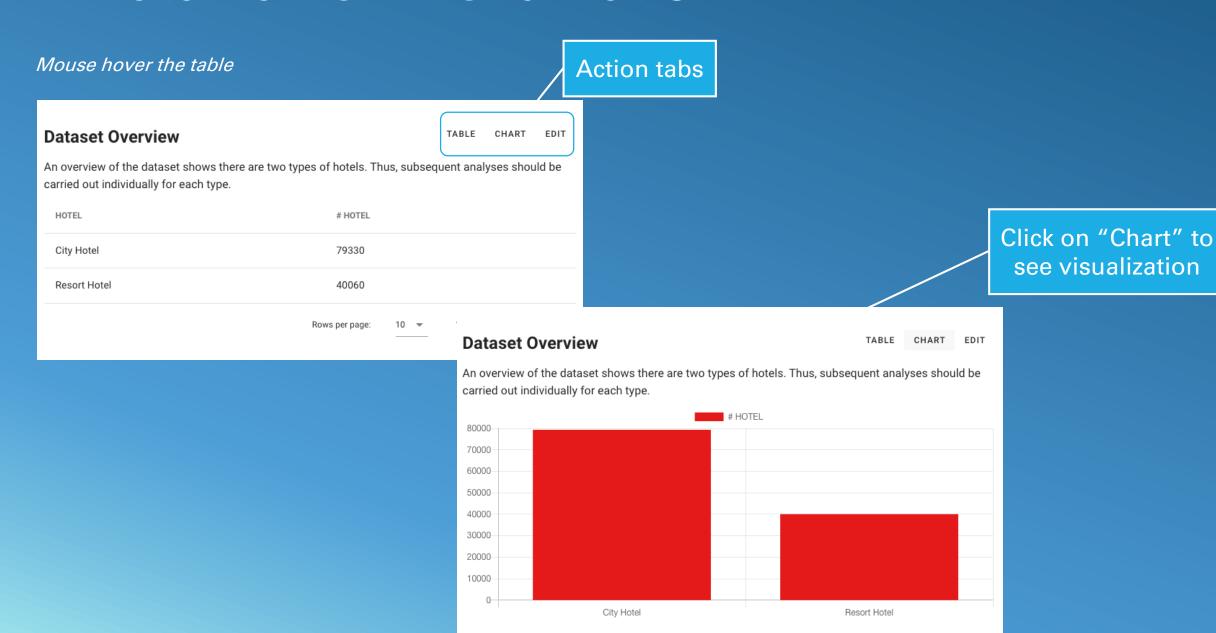
An overview of the dataset shows there are two types of hotels. Thus, subsequent analyses should be carried out individually for each type. HOTEL #HOTEL City Hotel 79330 Resort Hotel 40060

Data-backed insights

Data Table - Components



Data Table - Visualization



Data Table – Editing Table

Dataset Overview Edit table or An overview of the dataset shows there are two types of hotels. Thus, subsequent analyses should be carried out individually for each type. chart **TABLE** CHART Choose Base dataset Hotel Booking Filters Apply filters +Group by hotel Choose groups and Values metrics hotel count delete CANCEL **APPLY**

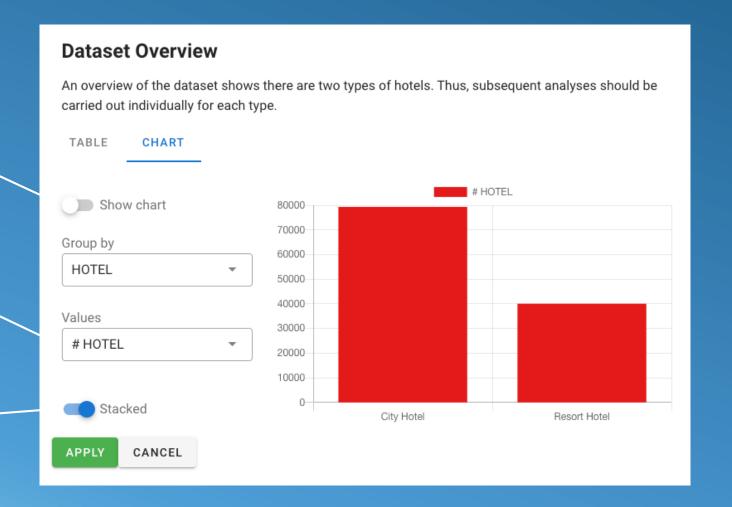
> Delete table

Data Table – Editing Chart

Choose show table or chart by default

Choose values on X-and Y-axis.

Choose to use 100% stacked bar chart.



Tech Stack







- VueJS
- Nuxt
- Vuetify



- Python
- Flask
- RESTful API





- PostgreSQL
- SQLite
- SAS
- SQLAlchemy





Thanks for watching!

Feel free to ask for a live demo.