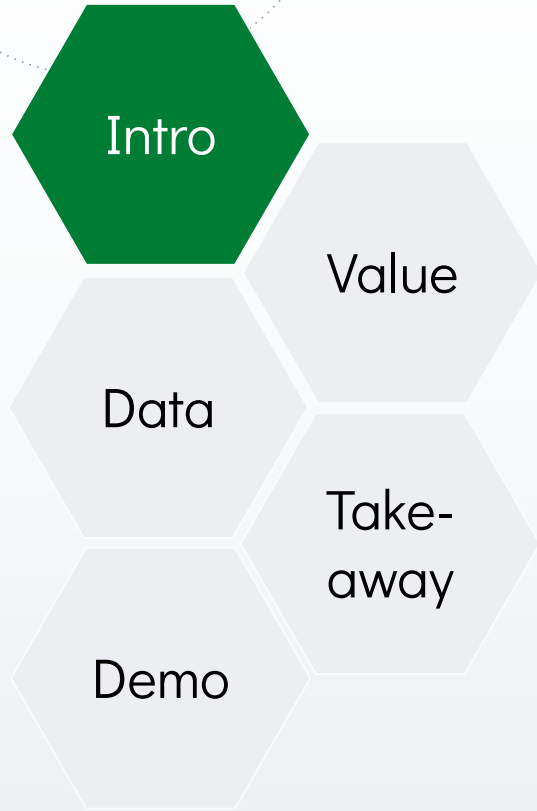


The background features several large, overlapping dotted circles. Two small orange airplane icons are positioned on the right side, one near the top and one further down, as if flying along the dotted paths. At the bottom of the slide, there is a row of white, stylized clouds with soft shadows.

Flight Satisfaction

Jakub Gazda
Aleksander Wieliński

419 272
420 272

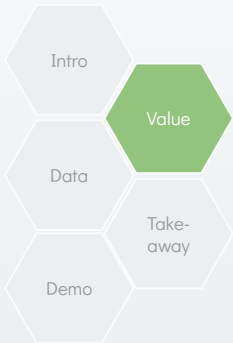


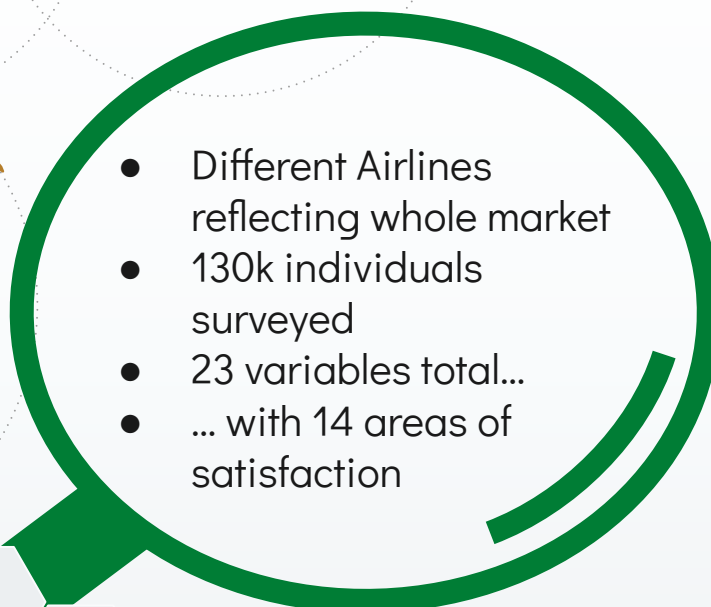
Starting Point: What to Expect

To explore relation between passengers characteristic and flight satisfaction one has to have an insightful, thorough and interactive visualizations...

Unlocking Business Value

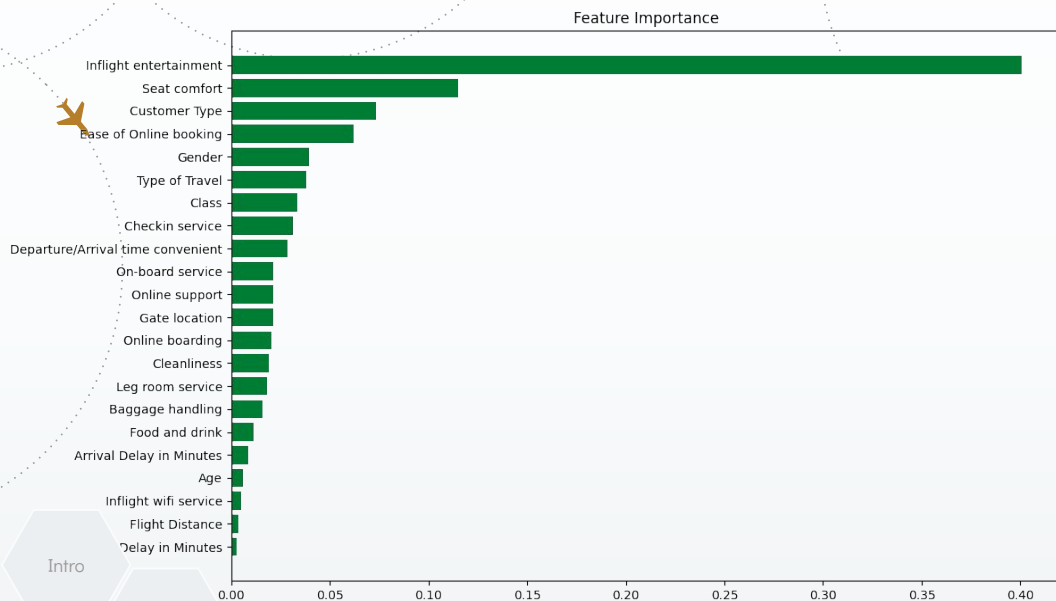
To define strategic value one has to consider benefits that initiative brings to the business. Understanding passengers satisfaction provides deep insight to several key areas we want outline...



- 
- Different Airlines reflecting whole market
 - 130k individuals surveyed
 - 23 variables total...
 - ... with 14 areas of satisfaction

Understanding the Data

To unravel the intricacies of the issue one has to have an interesting dataset. A helping hand can be provided through a treasure trove of insight - Kaggle - and more specifically *Airlines Customer satisfaction...*



Modeling the Data

Confusion Matrix of XGBoost on test sample (20% of total)

TN 11256	FP 456
FN 662	TP 13151

Accuracy of **96%!**

Intro

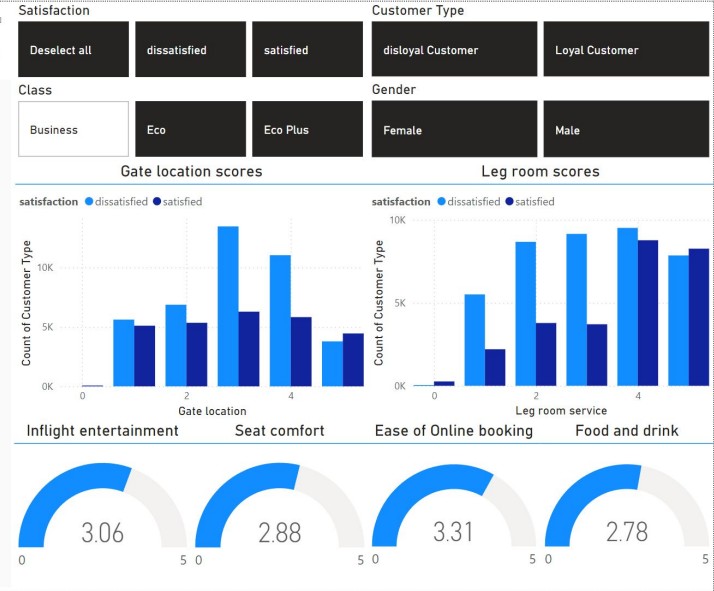
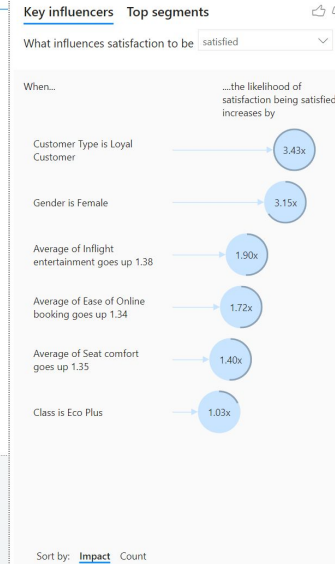
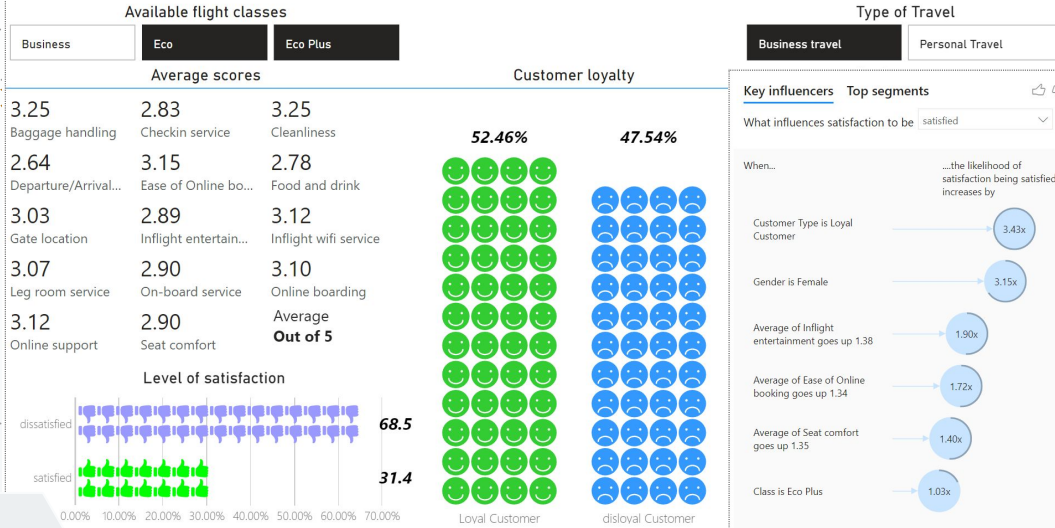
Value

Data

Take-away

Demo

Know your passengers!



Intro

Value

Data

Take-away

Demo

And it's finally time for...

DEMO

