

ANALYTICS for CAR VENDORS

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Inhalt

**Es wurden keine Einträge für das Inhaltsverzeichnis gefunden.**

# Background R

## Problem / Research Question / Objective

## Car Market in Zurich

# Collecting the Data A

## Web API

## Web Scraper

# Vendor information

## Market Analysis A

Cov, Corr, Boxplot, Histogram, scatterplot

## WEB API R

See competitors, who sells which cars, where is an optimal place for a new shop. What to do with database

## Chi squared test R

Is there a pattern between the categorial values that we observed

Evaluation:

Because the test statistic is smaller than the critical value and the p-value is larger than 0.05,

we cannot reject the null hypothesis, i.e. there is no statistically siginificant (5% significance-level) difference

in the number of apartments on the market for the selected area- and price categories.

This means that the observed difference could have occurred by chance and is not statistically reliable.

## Classification tree A

For each car the vendor considers buying model the vendor sees which model (hand/automatic) is more popular.

Vendors see how the contribution between hand- and automatic-gear cars is and buys the one with less frequency.

## Verification with AUC A

Random Forest is okay (Screenshot) 0.88 Feature Variance is given.

# Discussion RA

Real – Brands no influence, car features like seat warming no influence

# Lessons learned RA

# Code Lines A