



Orges Leka

Statistik Beratung – Orges Leka

Orges Leka is a self-employed Data Scientist with experience in logistics, statistical medicine, price forecasting of crypto currencies, customer relationship management and forecasting of financial time series. Mr. Orges Leka has a diploma in mathematics with a minor in computer science and has worked for example for 1&1 and Delivery Hero. While he is self-employed, he has worked at the following projects: price prediction of truck routes in logistics for a startup which made the third place in a competition (R / Python); automatic trading bot for bitcoin at the bitmex exchange, performs very well on testnet (R / Python) ; meta analysis of medical studies (R) ; implemented an own multiple imputation algorithm for medical statistics based on nearest neighbors (R) ; automatic computation of probability that customers are alive in a non-contractual setting (SQL, R); forecasting of time series with the exponential smoothing method; automatic detection of outliers in time series using the local polynomial regression fitting method; automatic clustering of time series with the kernel density estimation method; automatic prediction of sequences with Markov chains (R);

ACADEMIC QUALIFICATIONS

Diploma - Mathematics

EXPERTISE

Over 7 years in data analysis and mathematical modeling

PERSONAL DATA

Year of birth: 1983
Nationality: German

LANGUAGES

Albanian (native language)
German (fluent)
English (business fluent)

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WORK EXPERIENCE

Since 03/2017	Statistik Beratung - Orges Leka , Self-employed Data Scientist
10/2015 - 02/2017	FDS , Substitute Teacher for Mathematics and Computer Science
05/2015 - 09/2015	1&1 Internet SE , Database Developer, Mainly writing SQL-Queries
10/2013 - 03/2015	F+S Fleckner und Simon Informationstechnik GmbH , Data Analyst SQL - Database Management, Writing Analytics queries and presenting them in Web-Front-End
06/2013 - 09/2013	RiValue GmbH , Financial Engineer Mainly Programming in Java
10/2011 - 05/2013	Ebert & Grüntjes, Media-Research , Mathematician, Mainly Data Analysis in R+Java for Media Research, Occasionally Web-Programming with Javascript and Java

TECHNOLOGIES

OS	UNIX, Windows
Database	MySQL, PostgreSQL, MS Access, AWS Redshift
Programming	Java, Visual Basic, UNIX Shell, SQL
Statistic	R, Matlab, Python, Maple
Reporting	Shiny, R-Markdown
Documents	Latex, MS Office (Powerpoint, Word, Excel), Photoshop
Cloud	AWS (S3, EC2, Redshift), ALL-INKL

TECHNICAL AND METHODOLOGICAL

Analytical Customer Relationship Management
Business intelligence

Data analysis
Data modeling
Predictive Analytics
Real-time Analytics
Reporting
Stochastic Modelling

INDUSTRIES

Food Delivery
Stock Market
Health
Logistics

TIME FRAME

01/2019 - now

PROJECTS SELECTION

Consulting of Students

Consultancy in statistics for students who work for their bachelor- / master- or phd-thesis and need help with statistics

- **Confidence interval in linear regression**
- **Conjoint analysis**
- **Chi-Squared Test**
- **and other statistical tests**

Role: Statistician / Mathematician (R, statistical tests)

11/2018 - 12/2018

Financial Data Services

Automatic forecasting of time series with the exponential smoothing method; automatic detection of outliers in time series using the local polynomial regression fitting method; automatic clustering of time series with the kernel density estimation method; automatic prediction of sequences with Markov chains (R)

Role: Data Scientist

08/2018 - 10/2018

Food Delivery

Automatic computation of probability that customers are alive in a non-contractual setting, CRM (SQL, R)

Role: Data Scientist

06/2018 - 07/2018

Stock market

Price prediction of Bitcoin and implementation of an automatic trading bot

Role: Data Scientist/Software Developer

Technologies: R, Python

08/2017 -
05/2018

Logistics

Automatic price prediction of truck routes in logistics for the startup Carrypicker which made the third place in a competition (R / Python)

Rolle: Data Scientist/Software Developer

Technologies: R, Python, AWS, UNIX shell

03/2017 -
07/2017

Health

* **meta analysis of medical studies (R)**

* **implemented an own multiple imputation algorithm for medical statistics based on nearest neighbors (R)**

* **application of other multiple imputation algorithms for medical statistics (R)**

Rolle: Mathematician/Statistician/R-Programmer

Technologies: R, Shiny,R-Markdown