

# Michal Lauer

Data Scientist



/MichalLauer



/michal-lauer



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## EXPERIENCE

### DATA SCIENTIST | MOJESTATISTIKA.CZ

July 2022 – Current | Prague

- Freelance data scientist.
- Co-worked on factor analysis.
- Evaluated work performance using LMM.

### DATA MANAGER | ReMuS - IMPULS FOUNDATION

March 2022 – Current | Prague

- Successfully delivered 5+ analyses in R with dynamic excel outputs.
- Prepared R, RStudio, RMarkdown, and Git best practices and standards in confluence.
- Automatized ETL processes with dynamic RMarkdown outputs.

### BUSINESS PARTNER MANAGEMENT | DHL IT SERVICES

February 2020 – July 2021 | Prague

- Consulted and reviewed Service Level Agreements.
- Analyzed data for monthly charges of ITS customers.
- Supported two teams with customized Power BI dashboards.
- Managed, analyzed, and created new or existing data pipelines.

## PROJECTS

### TREATMENT SWITCH ANALYSIS | R

Novartis | ReMuS - IMPULS Foundation

- Analyzed treatment switches among ~ 19 000 patients and 17 treatments for four different years.
- Created summary tables describing patients for each treatment in each year.
- Summarized discontinuation reasons into seven categories in each year.

### NMOSD DATA VALIDATION | RMARKDOWN

ReMuS | ReMuS - IMPULS Foundation

- Validated data in 50+ separate RMarkdown blocks.
- Automated error reporting for 15 different medical centers.
- Continuously updated and formatted RMarkdown document based on feedback received.

### CONSUMPTION BASED CHARGING | EXCEL

IT Services | DHL IT Services

- Analyzed, validated, and reported monthly customer charges.
- Investigated issues and communicated across teams to find a solution.

### AUTOMATIZATION AND DATA REPORTING | EXCEL, POWERBI

Business Partner Management | DHL IT Services

- Simplified, unified, and made transparent SLA Life cycle review process.
- Reported weekly KPIs through automated PowerBI pipelines.
- Delivered and maintained three dashboards for internal stakeholders.

## SKILLS

### LANGUAGES

R • SQL

### LIBRARIES

dplyr • tidyr • ggplot2 •  
openxlsx • lubridate • gtsummary

### TOOLS/PLATFORMS

Git • RMarkdown • Tidyverse •  
PowerBI • Confluence

## EDUCATION

### PRAGUE UNIVERSITY OF ECONOMICS AND BUSINESS

MASTERS IN STATISTICS

Sep 2022 - Present | Prague, Czechia

BACHELOR IN DATA ANALYTICS

Sep 2021 - Present | Prague, Czechia

BACHELOR IN APPLIED INFORMATICS

Sep 2019 - Jun 2022 | Prague, Czechia

Logistic models in esport

### TEXAS A&M UNIVERSITY

MAYS BUSINESS SCHOOL

Sep 2021 - Dec 2021 | Texas, USA

One semester of abroad studies

GPA 3.80

## CERTIFICATIONS

DATA ANALYST ASSOCIATE

PROFESSIONAL DATA ANALYST