





Michal Lauer

Data Scientist

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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 – December 2022 | Prague

- Successfully delivered 5+ analyses in R with dynamic excel outputs and html/pdf reports.
- Prepared R, RStudio, R Markdown, Git, and work standards in confluence.
- Automatized ETL processes with dynamic R Markdown outputs.
- Modernized infrastructure with replicable code, semi-automatic analyses and code best practices.

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 MARKDOWN

Novartis | ReMuS - IMPULS Foundation

- Analyzed treatment switches among ~ 19 000 patients and 17 treatments across four different years.
- Output consisted of excel tables describing all patients and their treatment path.
- Created summary tables describing patients for each treatment in each year.
- Summarized discontinuation reasons into seven categories in each year.

INFRASTRUCTURE MODERNIZATION | R

ReMuS | ReMuS - IMPULS Foundation

- Used renv and R Markdown for reproducible research.
- Modified knitr S3 methods for custom printing and rendering.
- Created local package structure for general purpose methods.
- Put together data pipeline for automated metadata generation.
- Used R6 classes for easier data export to excel.

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/Frameworks

Tidyverse • R Markdown

TOOLS

Git • 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

R Language

DATA ANALYST ASSOCIATE

PROFESSIONAL DATA ANALYST

DATA SCIENTIST ASSOCIATE

LANGUAGES

Czech | C2

English | B2