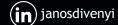
# János K. Divényi



divenyijanos.github.io



## **EXPERIENCE**

#### Emarsys

#### 2019- Lead Data Scientist - Analytics

Working in a cross-functional product team to improve the analytics capability of the marketing cloud. Focus on data quality.

#### 2017-2019 Lead Data Scientist - Research

Technical lead of the data research team consisting of 3-6 data scientists.

Coordinating research projects (agile), ensuring quality of results, mentoring team members.

#### 2015-2017 Data Scientist

Utilize big data about more than 1 billion people to foster the development of online marketing platform. Cooperate with non-technical experts in data-driven decision making. Research to facilitate personalization (e.g. send time optimization), implement promising algorithms in production. Build predictive models (e.g. buying probability).

#### - CEU Microdata

#### **2013-2015 Data Analyst**

Clean and manipulate data of public procurements for <u>kozbeszerzes.ceu.hu</u>. Build machine learning algorithm to uncover political connections of firms. Estimate econometric models to measure favoritism.

## **EDUCATION**

#### Central European University

#### 2012-2020 PhD in Economics

Summa cum laude. GPA: 3.9/4 Thesis title: Three Essays on Causal Effects Identification in a Novel Setting and Two Empirical Studies.

#### 2010-2012 MA in Economics

Graduated with distinction. GPA: 3.95/4

#### Budapest Uni. of Technology & Economics

### 2005-2010 MSc in Business Management

Graduated in Economic Analysis with distinction. GPA: 4.95/5

#### Mathias Corvinus Collegium

#### 2006-2010 Diploma in Economics

A private program for advanced studies of selected students from various universities

## **TEACHING**

#### Central European University

#### 2021 Machine Learning

MA level course in applied machine learning for business analytics students. Joint with Zoltán Papp.

#### Eötvös Lóránd University

#### 2019-2020 Data Science

MA level course in introductory data science for economists. Joint with Emarsys colleagues.

#### Budapest Uni. of Technology & Economics

#### **2015-2017 Data Analysis**

MA level course in applied data analysis with focus on practice, intuition and real data. CERGE Teaching Fellowship.

#### Central European University

#### 2014-2015 Data Analysis, Programming Tools

MA level courses in applied data analysis, data management, basic programming principles, clean code.

## SKILLS

- R
- SQL
- Google Cloud
- python
- bash
- git
- Hungarian
- English
- German

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## **GRANTS & AWARDS**

- Academic Achievement Awards, 3x (2011-2014)
- Excellent Student of the Faculty of Economic and Social Sciences, 2010
- Scholarship of the Hungarian Republic, 3x (2007-2010)
- 1st prize. National Conference of Scientific Students' Associations, 2009

## **OTHER**

- happily being a dad of three
- proud to be a scout
- like table tennis, soccer & gardening