

# János K. Divényi

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janosdivenyi

## EXPERIENCE

Emarsys

### 2017- Lead Data Scientist

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 [kozbeszerzes.ceu.hu](http://kozbeszerzes.ceu.hu). Build machine learning algorithm to uncover political connections of firms. Estimate econometric models to measure favoritism.

## TEACHING

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.

Mathias Corvinus Collegium,  
Rajk László College

### 2013-2015 Data Analysis, Data Carpentry

Small-group classes in data science, using various languages (python, Stata, gretl).

## RESEARCH

- for my research papers, please take a look at my [personal website](#)

## EDUCATION

Central European University

### 2012- PhD in Economics

GPA: 3.9 (1/7) Research interest in measuring causal effects. Expected in 2019

### 2010-2012 MA in Economics

Graduated with distinction. GPA: 3.95 (1/21)

Budapest Uni. of Technology & Economics

### 2005-2010 MSc in Business Management

Graduated in Economic Analysis with distinction.

Mathias Corvinus Collegium

### 2006-2010 Diploma in Economics

A private program for advanced studies of selected students from different universities.

## SKILLS

- R
- SQL
- python
- Stata
- bash
- Latex
- Hungarian
- English
- German
- Accuracy
- Flexibility
- Learning
- Teamwork
- Communication
- Creativity

## 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)
- 1<sup>st</sup> prize. National Conference of Scientific Students' Associations, 2009

## OTHER

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