



# Dániel Békési, PhD

## Curriculum Vitae



Raiffeisen Bank International



daniel-bekesi



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## About me

Maybe one should have a track record in the field of quantitative economic research and simultaneously accept business-challenges in a fast-evolving, data-driven environment to become an enthusiastic data scientist.

As being one, I love to watch the keras progress bars moving fast, getting rid of NAs in corporate-wide data integration projects including Big Data & Oracle architectures and contributing to cloud-based AI & ML projects.

I am a fan of coupling practice and research-based approaches in the classroom and in the office. My more than 500 students and many executives have confirmed time and again that I am capable of making complex quantitative models easy to understand.

## Skills\*

Python3 (sklearn, keras, BERT, opencv)

R (caret, lightGBM, keras, forecast)

Spark-API (PySpark, sparklyr), Hive

SQL (Athena, Oracle)

Tableau (Qualified Associate)

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(\*Ranges from Awareness to Expert.)

## Profile

Trained and tested in various domains of data analytics & science. In that vein, well equipped to consult and be a mentor to business professionals seeking high reward from data.

## Experience

since

May 2019

### Senior Data Scientist @ Raiffeisen Bank International

- Driving the development of new banking solutions
- AI & ML projects using AWS in the "Advanced Analytics"-Tribe
- Enhancing the data science capabilities across RBI and in its subsidiaries
- Grooming the backlog of research use cases

since

July 2015

### External Lecturer @ Wirtschaftsuniversität Wien (WU)

- Teaching Applied Microeconomics
- Focusing on customer behavior and market structures

July 2017-

April 2019

### Data Scientist @ T-Mobile Austria

- Designing & creating predictive data products (churn, propensity)
- Data integration projects including Big Data & Oracle architectures
- Co-Developing the internal Tableau visualizations ecosystem

Oct. 2016 -

June 2017

### Customer Insight Analyst @ T-Mobile Austria

- Developing econometric & ML models of churn and retention behavior
- EU-wide cooperation with the international insights/ML team

July 2015 -

Sept. 2016

### Business Data Analyst @ Casinos Austria

- Advising the executive management by providing predictive data products
- Forecasting key indicators by applying time series models

July 2012 -

June 2015

### Teaching & Research Associate @ WU

- Scientific research project on discrete choice models

Oct. 2011 -

June 2012

### Research project assistant @ WU

- Contributing to a €1 million EU-wide project funded by the Commission

Feb. 2011 -

July 2011

### Tutor @ Institute for Econ.Policy and Industrial Economics - WU

- Assisting the head of institute in the Managerial Economics course

## Education

Oct. 2014 -

June 2015

### Postgraduate training in digital marketing, Budapest College of Communication and Business (FH)

Thesis: Improving the forecasting accuracy of consumer behaviour with Google Trends data.

Oct. 2011 -

April 2015

### PhD (Economics), Wirtschaftsuniversität Wien

Dissertation: Essays on food choices: Analyzing heterogeneous individual behavior.

Oct. 2009 -

Sept. 2011

### MSc (Economics), Wirtschaftsuniversität Wien

Specialization: Industrial Economics

Sept. 2006 -

June 2009

### BA (Applied Economics), Corvinus University of Budapest

Sept. 2001 -

June 2006

### Matura (Realgymnasium), Österreichische Schule Budapest

## Languages

English: fluent; German: fluent; Hungarian: native; Italian: basic

## Publications & Links

Github Repository: [link](#)

Google Scholar Profile: [link](#)

WU-Research Repository: [link](#)

Natural Language Processing presentation: [link](#)