

# Bálint Hollósy

## Experience

- 2022–Present **Lead Data Scientist**, LASTPASS.  
End-to-end machine learning development, technical leadership.
  - Overseeing Machine Learning related projects at LastPass
  - Supporting customer care, marketing, finance teams in data-driven decision making
  - Leading ML integrations into the product
  - Built up the development and business processes of the ML team, organising a company-wide data community
- 2023–Present **Geospatial Data Consultant**, LOGDYNAMIC.  
Providing geo-data related expertise to an innovative logistics company.
  - Supporting the development of data-driven logistic planning solutions, for example in the field of location and route optimization.
- 2021–2022 **Assistant Vice President, Data Science Manager**, MORGAN STANLEY.  
End-to-end machine learning development, team leadership.
  - Leading a team of 4 data scientists and analysts
  - Supporting Wealth Management to offer data-driven investment advices using recommendation systems and other ML solutions
- 2019–2021 **Data Scientist**, VODAFONE.  
End-to-end machine learning development, project management.
  - Providing ML solutions to support cross-sell efforts, fraud prevention, digital analytics, geospatial analytics, campaign management
  - Participated in a global initiative to help the fight against COVID-19 with mobility analytics and modeling
  - Mentoring and coordinating the work of junior colleagues
- 2018–2019 **Senior Consultant | Data Science & Quantitative Risk**, DELOITTE.  
Worked on data analytics and credit risk projects including model validation, model development, data visualization.
  - Credit risk default model development and model validation (PD, LGD, EAD and Macroeconomic models)
  - Development of statistical and machine learning models for the purposes of customer value management
  - Development of automated reporting and data visualization tools for financial analytics
- 2016–2018 **Portfolio Risk & Stress Testing Analyst**, MORGAN STANLEY.  
Development of complex stress testing tools and communication of results to senior audiences.
  - Implementation of macroeconomic scenarios leveraging various data sources and systems
  - Market and Credit risk model development
  - Development of data visualization and reporting tools for internal and regulatory purposes
- 2014–2015 **Data Analyst Intern**, TELEKOM HUNGARY.  
Reporting and analytics for business customer service development.
  - Data analytics and report automatisation (ad-hoc and regular), KPI development
  - Providing data-driven decision support regarding compensation system and sales

## Education

- 2015–2018 **MA, International Economics and Business**, *Corvinus University of Budapest*.
  - Thesis: Machine Learning Applications in Business Analytics
  - Main subjects: International Economics, Advanced Macroeconomics, Quantitative Finance, Multivariate Statistics
  - Teaching Assistant in Macroeconomics
- 2016–2017 **MSc, Survey Statistics**, *Eötvös Loránd University*.
  - Completed half of the credits
  - Main subjects: Mathematical Statistics, Calculus, Probability Theory, R Programming
- 2012–2015 **BA, Sociology**, *Corvinus University of Budapest*.
  - Thesis: Impact of Political Attitudes on EU Policy Preferences among MPs
  - Main subjects: Quantitative Research Methodology, Data Analysis, SPSS, Statistics, Economic Sociology, Economics

## Technical skills

Python, R, SQL, PowerBI, Tableau, GCP, Databricks, MS Excel, VBA, QGIS, SPSS, L<sup>A</sup>T<sub>E</sub>X

## Languages

- Hungarian Native
- English Proficient, *Cambridge Advanced Level Language Exam (C1)*