



Economics Discovery Hub

Who we are	What we offer	Lecturers
<p>CERGE-EI's free exploratory educational platform for student development.</p> <p>For high potential students curious in economics regardless of a field of study.</p> <p>Our goals are to:</p> <ul style="list-style-type: none"> <li>Extend learning opportunities for both CERGE-EI and other students</li> <li>Connect best students in Prague to our partners</li> </ul>	<ul style="list-style-type: none"> <li>Courses and workshops</li> <li>Seminars and lectures</li> <li>Data analysis projects</li> <li>Research workshops</li> <li>Networking opportunities</li> <li>...</li> </ul>	<ul style="list-style-type: none"> <li>CERGE-EI Faculty / Researchers</li> <li>Current CERGE-EI students</li> <li>CERGE-EI alumni</li> <li>Business professionals</li> <li>External faculty / researchers</li> </ul>

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We Focus on Student Development

• **Economics:** eg. econometrics, financial modelling, game theory, rational inattention, various research seminars

• **Applied Data Science:** eg. R programming, Stata, Web App Development, Python, working with data, data visualization

• **Soft Skills:** eg. communication, decision-making, leadership, team work, presentations,

• **Datathon and Projects in Applied Economics for Talented High School Students** bring together all three areas and give students a chance to practise them while working on a real data projects.

Economics Discovery Hub: Content Spring 2017

Applied Data Science	Economics	Soft Skills & Other projects
<ul style="list-style-type: none"> <li>Mastering Excel Basics</li> <li>Introduction to R Programming</li> <li>Introduction to Machine Learning</li> <li>Data Visualization with Tableau</li> <li>Introduction to Python</li> <li>What the Retailers Know from the Customers Data</li> <li>Introducing IBM Data Science Experience Platform</li> <li>Intermediate R Programming</li> <li>Mastering Advanced Excel Functions</li> <li>Data-Driven Customer Experience at CS</li> </ul>	<ul style="list-style-type: none"> <li>Financial Services Advisory Practice (EY)</li> <li>Advanced Modeling in Financial Services Advisory Practice (EY)</li> <li>Research seminars series</li> </ul>	<ul style="list-style-type: none"> <li>Prague Wall Street Club</li> </ul>

Economics Discovery Hub: Content Fall 2017

Applied Data Science	Economics	Soft Skills & Other projects
<ul style="list-style-type: none"> <li>Mastering Excel Basics*</li> <li>Introduction to Python*</li> <li>Introduction to R Programming*</li> <li>Introduction to Machine Learning*</li> <li>Data Visualization with Tableau*</li> <li>SQL Fundamentals*</li> <li>Working with Loyalty Data*</li> <li>Data Exploration in QlikSense (Deloitte)</li> </ul>	<ul style="list-style-type: none"> <li>Credit Risk Stress Testing (EY)*</li> <li>Projects in Applied Economics for Talented Students (MŠMT)</li> <li>New Economic Talent - International competition for university students (Nadace CERGE-EI)</li> <li>Research seminars series</li> </ul>	<ul style="list-style-type: none"> <li>Business Communication Skills (EY)*</li> <li>Getting Things Done*</li> <li>M&amp;A Days by Prague Wall Street Club</li> </ul>

\* EY promo materials distributed to students

EDH poster and individual event poster

Economics Discovery Hub

Presented by EY

Marko Krznar  
Manager in Financial Advisory Services - Credit Risk Area, EY

**Practical Workshop: Credit Risk Stress Testing**

Tuesday, 21 November, 2017

18:00 - 20:00 at CERGE-EI

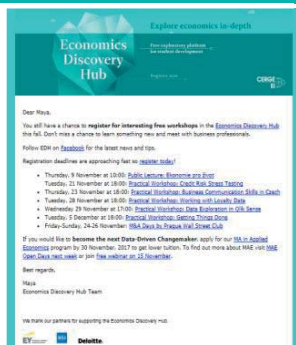
Would you like to help companies to determine the effect of a change in a particular data on returns, volatility, market? Working in Credit Risk might be the right choice for you. Join our practical workshop to find out more about Basel III, Credit Risk, Financial Capital Adequacy Requirements. Practical applications and use cases that stress test models in real client case studies.

More information and registration at: [www.cerge-ei.cz/discovery](http://www.cerge-ei.cz/discovery)

Center for Economic Research and Graduate Education - Economic Institute  
Prague - Czech Republic



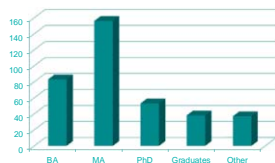
### Channels to distribute EY information



- EDH newsletter
- EDH Facebook
- Posters around CERGE-EI building

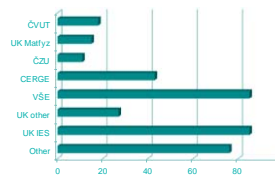
### Participants Spring 2017: Mostly Masters Students

Level of study program of participants and their university



367 students applied for our activities

329 Accepted for our activities



Other include: VUT, MU, UNYP, AAU, MUP, UPOL, ZČU, TUL, Unicorn College, VŠCHT, Maastricht University, University of Vienna, University College London...

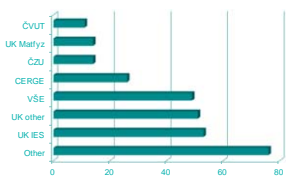
### Participants Fall 2017: Mostly Masters Students

Level of study program of participants and their university



394 students applied for our activities

191 Accepted and attended activities



Other include: VUT, MU, UNYP, MUP, UPOL, ZČU, TUL, Unicorn College, VŠCHT, Maastricht University, University of Vienna, Nottingham Trent University...

### Workshop organized for EY: Credit Risk Stress Testing

Why did students apply for the workshop:

"I have interest in risk management and investment fields of finance and try to improve myself in these fields. So, I'm very curious about this course."

34 students applied and were accepted for the workshop

"Currently, I am working as a scoring analyst in the credit risk department. In future, I would like to become a real professional with a deep knowledge of credit risk management. I consider this workshop as a great opportunity to continue working on myself, to broaden my horizons, to get better understanding of credit risk processes."

"I'm generally interested in finance and all related topics + I consider a possibility of career in the financial advisory companies such as EY."

20 Students attended the workshop

"Risk management in general is one of two of my interest fields in Finance. I am very curious about the workshop."

"I have a major in Economics and Finance. My inclination has been towards portfolio and risk management. This workshop will help in learning the practical aspects."

"I'm PhD student at CERGE-EI. I do not plan to stay in academic sphere after graduation, therefore I'm looking for possible future positions. I'm mainly interested in actuarial science and related fields. I hope this workshop will show me credit risk practice and help with future decisions."

### Workshop organized for EY: Business Communication Skills

Why did students apply for the workshop:

"A persons perception of us is always going to be based on how we present ourselves. First impressions last and can mean a difference between us and them. We need to be willing to invest in ourselves to be more confident. The workshop "Business Communications Skills (in Czech)" seems suitable for the above."

36 students applied 31 were accepted for the workshop

"I have position CEO in our startup - for young mothers or mothers on the maternity leave. We have already participated in the competition - social impact awards. We got to the semifinals, but not to the finals anymore. We are thinking about different acceleration programs, etc... We know that communication and the introduction of our idea/business is the first place. So therefore:)"

9 Students attended the workshop

"As mostly analytically skilled person, I feel communication skills are not my strength and I want to improve in this regard to better "sell" myself on the job market."

"I think that to be able to talk to business is of the same importance as technical skills. However, the business communication is highly underestimated. Therefore, I am looking for every opportunity how to improve my business communication."

"As I am currently finishing my studies and starting my career I find this workshop extremely interesting and helpful."

"I believe that being able to communicate with others quickly and at the same time effectively is the skill everyone needs these days."

### Why do students apply for the EDH courses

Why are you interested in attending the course?

- "I would like to enhance my knowledge about data processing."
- "I use SQL in my current work but I would like to improve it."
- "Currently I am starting to write my master thesis...As I intend to write the whole code in R this course could be of particular use for me."
- "I believe that this course could improve my skills further than one can achieve in a few hours long webcourse."
- "This course will help me to be more effective in my work."
- "I would like to obtain this knowledge in order to apply it in my future career."
- "I would like to extend my knowledge to other programs so that I can choose which one suits my academic needs the best."
- "I would like to keep my team up-to-date with current programming and analytical tools...I cannot possibly motivate my team members to learn new tricks of trade if I don't lead the suit."
- "It would improve my position on labour market and at work."
- "I want to work better with data and analyse them."
- "I really want to improve my skills in this."
- "I would like to apply this knowledge while working on my thesis."

## What students say about the EDH and courses



## About the Economics Discovery Hub

- "Organize more courses please!"
- "Great job!"
- "You are doing amazing job, keep it up!"
- "Great concept, keep working!"
- "You are doing a great work!"
- "Organize more workshops."
- "It's great, keep going on."

## About courses

- "I didn't think I could learn so many new things in just 4 lessons. Thank you very much." (Introduction to Python course)
- "Thank you EDH, in particular Petar Buha for such amazing Excel course. I have learnt a lot of useful things. The atmosphere in the class was very positive." (Mastering Excel Basics course)
- "Great overview on ML with a lot of real life applications. Most certainly valuable." (Introduction to Machine Learning course)
- "Great course both theoretically and practically." (Introduction to R Programming course)
- "Fresh information for free... What else can I ask for?" (SQL Fundamentals course)

## Economics Discovery Hub – estimated annual total costs



Category	Cost per year (2 semesters)	Includes
Teaching fees	████████ CZK	12-15 events per semester (courses, workshops, lectures)
Promotion	████████ CZK	Print production, social media promotion
Project management & Administration	████████ CZK	Course organization, communication with students
<b>Total</b>	████████ CZK	

## Partnership Options for 2018



## Advantages for partners

1. Reaching **talented students from many universities**, including CERGE-EI
2. Possibility to **participate on the content creation**
3. Easy to **track impact**: statistics for registration and participation
4. Being **part of a project that enables students grow** and acquire skills useful for their future careers

## EY partnership

████████ CZK per year

## Includes:

- EY logo on all promotional materials connected with EDH courses, including website and social media
- Two workshops organized for EY (EY chooses target group, topic)
- Presentation of EY at each EDH course (oral presentation & gifts)

## The funding provided co-funds:

- Administration & project management costs
- Teaching and speaking fees