

**[Core Text]:**

[COURSE NUMBER]: [COURSE NAME]

## **Data Analysis for Business, Economics, and Policy**

By Gábor Békés, *Central European University, Vienna and  
Budapest*

Gábor Kézdi, *University of Michigan, Ann Arbor*

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# What is covered by the text?

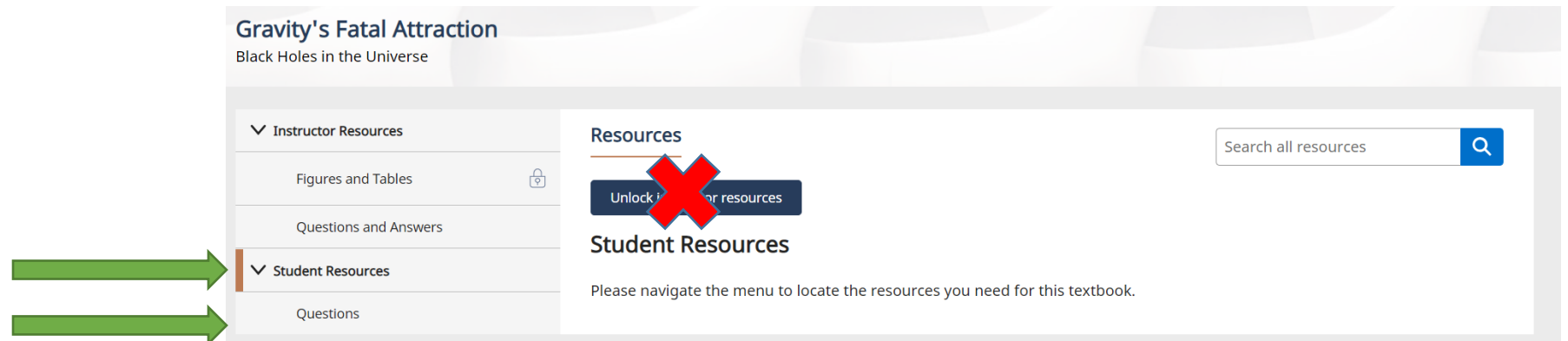
This textbook provides future data analysts with the tools, methods, and skills needed to answer data-focused, real-life questions; to carry out data analysis; and to visualize and interpret results to support better decisions in business, economics, and public policy. Data wrangling and exploration, regression analysis, machine learning, and causal analysis are comprehensively covered, as well as when, why, and how the methods work, and how they relate to each other. As the most effective way to communicate data analysis, running case studies play a central role in this textbook. Each case starts with an industry-relevant question and answers it by using real-world data and applying the tools and methods covered in the textbook. Learning is then consolidated by 360 practice questions and 120 data exercises. Extensive online resources, including raw and cleaned data and codes for all analysis in Stata, R, and Python, can be found at [www.gabors-data-analysis.com](http://www.gabors-data-analysis.com).

# Features

- Provides students with a clear explanation of data analysis, as one third of the book consists of running case studies that develop the data analysis process logically through the book by using real-world scenarios and data
- Fills an important and growing niche between technical econometrics books and more basic business analytics texts
- Ideal for students who do not want to take more econometrics courses but would rather gain hands-on experience of working with real data. Suitable for non-PhD track students in economics and business
- Coding language neutral. The text does not include code in any language, and hence, may be used in a variety of settings
- Uses R and Stata and Python to teach methods, a far more useful and industry relevant approach than the spreadsheet programs used by most business analytics books
- Full suite of ancillaries, including code and data used in case studies that have been carefully curated to match the printed text

# Supplementary Materials for Students

- [Data Sets](#)
- Students do not need and should not need to request access to free resources.



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