

# CHPC & NITheCS Coding Summer School Probability & Statistics

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**NITheCS**  
National Institute for  
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# Outline

- Data Manipulation
- Exploratory Data Analysis
- Categorical Data & Probability
- Numerical Data & Regression

# Resources

- Adhikari, A., DeNero, J. and Wagner, D., 2022. *Computational and Inferential Thinking: The Foundations of Data Science*, Second edition, University of California, Berkeley.  
<https://inferentialthinking.com/>
- Çetinkaya-Rundel, M. and Hardin J. 2021. *Introduction to Modern Statistics*, First edition, OpenIntro.  
<https://openintro-ims.netlify.app/>