

Public Policy Analytics: Code and Context for Data Science in Government

1st Edition

by [Ken Steif](#)

Chapman & Hall/CRC Data Science Series) 1st Edition

The complete book is available to read online.

<https://urbanspatial.github.io/PublicPolicyAnalytics/index.html>

Public Policy Analytics: Code & Context for Data Science in Government teaches readers how to address complex public policy problems with data and analytics using reproducible methods in R. Each of the eight chapters provides a detailed case study, showing readers: how to develop exploratory indicators; understand ‘spatial process’ and develop spatial analytics; how to develop ‘useful’ predictive analytics; how to convey these outputs to non-technical decision-makers through the medium of data visualization; and why, ultimately, data science and ‘Planning’ are one and the same. A graduate-level introduction to data science, this book will appeal to researchers and data scientists at the intersection of data analytics and public policy, as well as readers who wish to understand how algorithms will affect the future of government.