

# KENT SELLERS

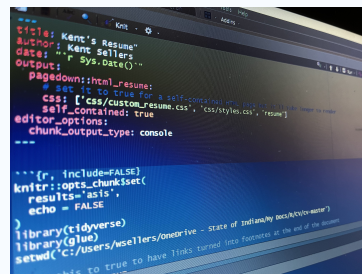
I am a statistician that attempts to blend my two passions: leadership and data. I have experience doing data analysis end to end. From data retrieval, to data preparation (tidying, reshaping), to exploratory data analysis (visualizations, descriptive statistics), to predictive modeling (machine learning/statistical modeling). I also have a strong background in managing teams as I oversee the data analysis. Once the analysis is complete, I can collaborate with my stakeholders to help their organizations make well-informed and comprehensive decisions.

## WORK EXPERIENCE

- Present  
|  
2021
- **UI Performance Director**  
Indiana Department of Workforce Development Fort Wayne, IN
    - Oversee the data quality and performance metrics for Indiana's unemployment insurance (UI) system.
    - Manage two teams that perform the data reporting, data validation, production monitoring, and auditing functions.
    - Led the implementation of several apps and dashboard tools that have each had a profound impact within the agency.
    - Currently working with our IT team to direct the development in a data warehouse.
- 2021  
|  
2017
- **Regional Workforce Studies Manager**  
Indiana Department of Workforce Development Fort Wayne, IN
    - Manage a team of 5 remote data analysts across the state to research and analyze the local workforce.
    - Interim project manager for a 1-million-dollar workforce data quality grant awarded to our division.
    - Devise new tools and data products for our division, as well as oversee the development and implementation.
    - Manage state-federal partnerships and serve as the P.O.C. to our vendors on behalf of our division.
- 2017  
|  
2011
- **Regional Workforce Analyst**  
Indiana Department of Workforce Development Fort Wayne, IN
    - Researched and analyzed labor market information about the local economy regularly using survey, administrative, or unstructured data.
    - Communicated a variety of data and relevant information about its data source to a wide range of organizations (e.g. business leaders, colleges/universities, chambers of commerce, and economic developers).
    - Built and maintained a network of over 5,000 stakeholders across northeastern and eastern Indiana that subscribe to our labor market reports.
    - Published educational and analytical articles.

## EDUCATION

- 2023
- **MS., Mathematics**  
Purdue University Fort Wayne Fort Wayne, IN
- 2021
- **MSc, Applied Statistics**  
Purdue University Fort Wayne Fort Wayne, IN
- 2011
- **BS, Mathematics Education**  
Asbury University Wilmore, KY



## CONTACT

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## RELEVANT SKILLS

Leadership/Supervision	
Managing Research Initiatives	
Independent Research	
Data Visualization	
Time Series	
Modeling	
Variance Estimation	
Bayesian Analysis	
Complex Survey Design	Sample
Imputation	
Small Domain Estimation	



## CERTIFICATION

- 2021 • **Certified Economic Research Professional**  
Council for Community and Economic Research
- 2019 • **Applied Data Analytics**  
Coleridge Initiative



## SAMPLE PUBLICATIONS

- 2020 • **How Hoosiers are Recovering from the economic shutdown**  
InContext, Nov-Dec 2020, vol. 21, no. 6  
· <http://www.incontext.indiana.edu/2020/nov-dec/article1.asp>
- 2018 • **What do job openings tell us about our economy?**  
InContext, Nov-Dec 2018, vol. 19, no. 6  
· <http://www.incontext.indiana.edu/2018/nov-dec/article1.asp>
- 2015 • **What is the unemployment rate?**  
InContext, Nov-Dec 2015, vol. 16, no. 6  
· <http://www.incontext.indiana.edu/2015/nov-dec/article2.asp>



## SAMPLE FEATURED CONTRIBUTIONS

- 2019 • **Northeast Indiana losing many graduates**  
Greater Fort Wayne Buseinss Weekly, Oct 2019, Dave Kurtz  
· [https://www.fwbusiness.com/fwbusiness/article\\_81167866-b2ee-56eb-b1e5-d0d55ff0aab5.html](https://www.fwbusiness.com/fwbusiness/article_81167866-b2ee-56eb-b1e5-d0d55ff0aab5.html)
- 2019 • **Women making inroads in trades**  
The Journal Gazette, Dec 2019, Lisa Green  
· [https://www.journalgazette.net/business/women-making-inroads-in-trades/article\\_9a21ac0c-17c9-52cf-bbb0-aad225dbbfe5.html](https://www.journalgazette.net/business/women-making-inroads-in-trades/article_9a21ac0c-17c9-52cf-bbb0-aad225dbbfe5.html)
- 2015 • **Re-employed Unemployment Recipients Likely to Make Less Money, Report Shows**  
Northeast Indiana Works, Jan 2015, Rick Farrant  
· [https://neinworks.org/wp-content/uploads/2020/06/January-2015-LMI-Report-Release\\_1.pdf](https://neinworks.org/wp-content/uploads/2020/06/January-2015-LMI-Report-Release_1.pdf)