

Justynn L. Hammond

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LinkedIn Profile [Justynn Hammond, CAP | LinkedIn](#) 

Twitter/Blog/Portfolio 

I have a passion for connecting stakeholders to insightful analysis. I strive to be a leader in analytics. I live to translate analysis into a vision and inspire others to understand that vision. I love turning disjointed data into a meaningful story that delivers powerful business value. Where others see numbers and data, I see a fun puzzle, opportunity, and potential sales. I enjoy statistics, SQL, Tableau, Power BI, and Python.

Skills

- SQL
- Python
- Databases
- Data Analysis
- Relational Databases
- Computer Science
- Project Management
- Analytical Reasoning
- Statistics
- Database Development
- Advanced Excel
- PowerPoint
- Data Wrangling
- Data Visualization
- Data Management
- Excellent communication and analytical skills

Experience

2020 – PRESENT

Rail Data Manager / OmniTRAX, Inc. - Denver, Colorado, United States

The Rail Data Manager oversees the Data Analysts administration of successful customer set up and accurate/timely contract submission. Responsible for training and mentor analysts in order to meet and exceed goals set by the Department. I was able to modify and develop policies and procedures for all aspects of transportation management and ensure successful adherence to these policies. In addition, as the Rail Data Manager I had to collaborate with the Operations and Commercial Team to ensure accurate and automated system administration while following Railroad Industry Rules and Regulations. Utilizing SQL and Python as my main weapons of choice, I also managed and updated the database used to hold all the commodities going through OmniTRAX.

2018 – 2020

Sr. Clinical Data Analyst / InnovAge. - Denver, Colorado, United States

Maintained Dashboards on a Monthly basis and used advanced analytics to design and manipulate data in multiple software platforms such as Excel, Jaspersoft, Snowflake, Epic, Excel, Python, Tableau, and SQL Server. Construction and use of pivot tables, using of advanced formulas and use of VBA and Macros. The analysis created, supported regulatory reporting as well as supported the creation of data-driven assessment for performance improvement activities throughout the enterprise. Executing data analysis to support clinical quality improvement, care management, utilization management in collaboration with clinical leadership. Synthesizes several data sources to report quality and performance metrics in an accurate and timely manner to organizational leadership. Developed, maintained, and improved data dashboard for use by senior management to track and trend organization-wide performance. Reports directly the Director of Clinical Analytics as the main source for data analytics related to key functions of the organization, including but not limited to clinical outcomes, health care service utilization and customer satisfaction.

2017 – 2020

Data Science Analytical Consultant / National Jewish Health - Denver, Colorado, United States

I was directly responsible for all data collection and systems processing of all analytical multi functions within the research data that was developed during the 2020 pandemic, this research was gathered numerous ways including data gathering, data mining, and direct specimen processing. the data that was gathers was then processed and generating and improving our biomedical imagery datasets and developing ML models. Our models and datasets drove our research by empowering it to correctly identify the correct sequence of specimens we were sorting. We worked directly with the department of viral diseases within the advanced diagnostic laboratories. Functions performed include but are not limited to data analysis of test orders, defining and building database to hold our data, presort, pickup and delivery of specimens, and other essential functions including centrifugation and aliquoting.

Education

MARCH 2020

Data Visualizations in Data Science / University of Denver

Masters Course Participant, Analysis on NBA Real Plus-Minus for 2018-2019 Regular Seasons, applied multiple regression to examine relationship between players' performances and numerical variables, Built Python package implementing automatic differentiation.

Advanced knowledge of technical programming skills and data manipulations in Excel, Python, JavaScript (D3.js, Leaflet.js), HTML/CSS, API Interactions, Social Media Mining, SQL, Tableau, Advanced Statistics, Machine Learning, R, Git/GitHub, and others

AUGUST 2018

Advanced Algorithms Data Science / Harvard University

Spotify Song Recommendation Project

- Trained random forest model to impute missing genre labels in Spotify's song database (119,064 songs)
- Built recommendation system using cosine similarity to choose similar songs added to a given playlist

Sentiment Analysis of Radiology Reports

- Built NLP tool for detection of presence/absence of medical conditions
- Achieved precision and recall levels of current industry standard of rule-based negations detection's approaches.
- **Relevant Coursework:** Stochastic Optimization, Data Analytics, Systems Development for Advanced Computational Science

Activities

**Certified Analytics Professional (CAP) / Tableau Desktop
Qualified Associate Certification / Data Science
Foundations : Data Assessment for Predictive Modeling.**