

KENNEDY DIDIER

CONTACT

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EDUCATION

RUTGERS UNIVERSITY-NEWARK

Doctorate of Criminology
Specializing in Quantitative Research Methods
2021-2023 (On Hold)

RUTGERS UNIVERSITY-NEWARK

Master of Arts in American Studies
2019-2021

UNIVERSITY OF CALIFORNIA SANTA BARBARA

Bachelor of Arts in History
A. Russell Buchanan Award
2016-2019

SKILLS

- Statistical Analysis
- Data Visualization
- Regression Modeling
- Database Management
- Data Querying
- SQL
- R
- Python

ABOUT ME

Analytical, energetic sports statistician with extensive experience using data to understand player, team, and league trends, as well as communicating statistical findings to diverse stakeholders to shape both league policy and season storylines. Seeking a challenging and modeling-heavy position in baseball analytics with the New York Mets.

WORK EXPERIENCE

STATISTICS ANALYST AND SQL DEVELOPER

National Hockey League (2022-Present)

Core member of the NHL Statistics Bureau defining and empirically evaluating new advanced hockey analytics and building the algorithms that generate them.

Wrote Python scripts to capture, unnest, and feed live puck and player tracking data from Sportlogiq APIs into the NHL database, helping build the NHL's first Puck and Player Tracking database pipeline and opening the door for in-game puck and player tracking statistics.

Used advanced MySQL to generate in-game data reports for media stakeholders like ESPN, TNT, and NHL Network, as well as long-term projects for NHL executives and departments including Player Safety and Officiating.

Worked on the launch of the latest version of the SAP Coaching App with both NHL executives and development contractors, including validating statistics, debugging, and evaluating application performance. Consulted on the newest design and feature-overhaul for the next launch, focusing on balancing coach requests and performance constraints.

Helped architect the internal database for new NHL Edge statistics.

Built back-end views in SAP Hana Business Analytics Studios for statistics pages on NHL.com.

GRADUATE QUANTITATIVE RESEARCH ANALYST

Rutgers University - Newark (2019-2023)

Executed numerous quantitative criminology research projects both independently and in collaboration with other researchers. Experienced at every stage of the research process from study design to data visualization.

Time Series Models of PREA Offenses (Random, Fixed)

R | DPLYR | GGPLYR | KNITR | PLM

Cleaned and transformed unstructured offense data from seven years of annual reports from 183 prisons and jails.

Used R's plm package to build random, fixed, and mixed effects models to predict frequency and type of offenses per 1000 inmates, as well as to track trends in reporting over time.