

Kenneth R. Flora

Simsbury, CT | (908) 797-9018 | kennethflora7@gmail.com

[LinkedIn](#)

EDUCATION

University of Connecticut

M.S. in Behavioral Neuroscience (Concentration: Data Science)

May 2026

B.S. in Psychology

May 2025

SKILLS

Software: Microsoft 365 (Intermediate Proficiency), Excel (Intermediate Proficiency), Python, (Basic Proficiency), SQL (Basic Proficiency), R (Intermediate Proficiency), Tableau (Intermediate Proficiency), Big Query (Intermediate Proficiency), Google Cloud (Intermediate Proficiency), SPSS (Advanced Proficiency)

Other: Data Analysis, Statistical Analysis (Bayesian Statistics, A/B Testing), Data Entry, Data Transformation/Visualization, Database Management/Organization

Certifications: Data Scientist Associate (DataCamp); Data Science Specialization (Coursera John Hopkins University); Google Data Analytics Professional (Coursera – In Progress)

Courses: Supply Chain Analytics in Python, Natural Language Processing NLP in Python, Analyzing Business Data in SQL, Data Driven Decision Making for Business in SQL (DataCamp)

EXPERIENCE

National Hispanic Health Research Institute

Hartford, CT

Intern, Data Science

Aug 2026 - Present

- Developed comprehensive reports and visualizations in Tableau to communicate complex Epidemiological findings from large public health datasets across CT to stakeholders at various levels (e.g. UConn Health, CVS Pharmacy, Boston University, etc)
- Reviewed and organized partner network information maintained in OneDrive and prepared it for integration in the organizations platform inventorying existing sources and assessing data quality
- Cleaned and transformed records to prepare a BigQuery-ready dataset and create a prototype dashboard Directory for the institution

University of Connecticut Psychological Department

Storrs, CT

Graduate Research Assistant Analyst, Behavioral Neuroscience Laboratory

Aug 2023 – July 2026

- Transformed and analyzed raw experimental data using Python, R, SQL, and Excel for conference presentations and research publications
- Analyzed complex multidimensional datasets using advanced Statistics, including multivariate analysis and repeated measures ANOVA with Mauchly's test and Greenhouse-Geisser/Huynh-Feldt corrections
- Conducted ad-hoc analysis and factorial ANOVA to evaluate main effects and interactions across multiple sources of variance using R and SPSS
- Managed and created pivot tables using SQL and Python to interpret effect size, statistical power, and significance tests to support data-driven research conclusions
- Collaborated with UConn Health and Otsuka Pharmaceuticals to evaluate data on the efficacy of market pharmaceutical products using clinical principles
- Led 30 undergraduate researchers and engineered a five sheet, macro-enabled Excel pipeline to standardize data capture, validation, and documentation

Squadron Line Elementary District

Simsbury, CT

Summer Volunteer Program, Behavioral Performance

June 2023 – Aug 2023

- Formulated quantitative models using Item Response Theory (IRT) to perform impact analysis on literacy assessment data and individual performance trends.
- Delivered data visualization and cleaning in R, transforming complex educational data into clear strategic recommendations for the dean and faculty.

Leadership & Extracurricular Projects

- Psi-Chi International Honor Society (2023-2025), UConn Data Science Club, Hispanic Health Council Member (2026), UConn Health Farmington Conference Volunteer (2026), Quinnipiac University Department of Neuroscience Conference Volunteer (2025-2026)