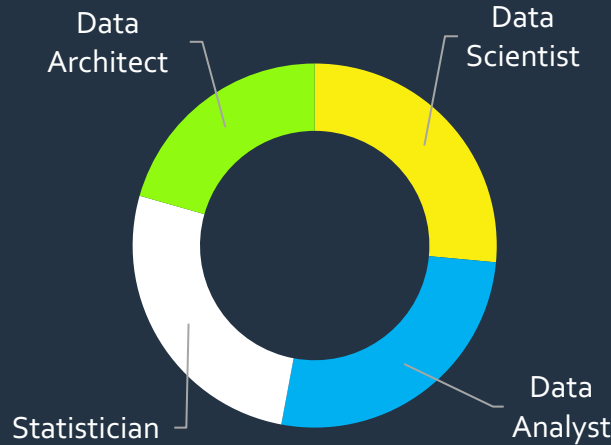# Parin Patel

Education

2020
Syracuse University
M.S., Applied Data Science

2017
University of Illinois at Chicago
B.S., Applied Industrial/Organizational Psychology

Minor Management Information Systems

*Completed Pre-Medical/Health Coursework

Certification & Honors

2020
SAS (Statistical Analytical Software)
9.4 Base Programming Specialist

2015
Indiana University
Herbert Presidential Scholar,
Hudson & Holland Scholar,
Hutton's Honors College

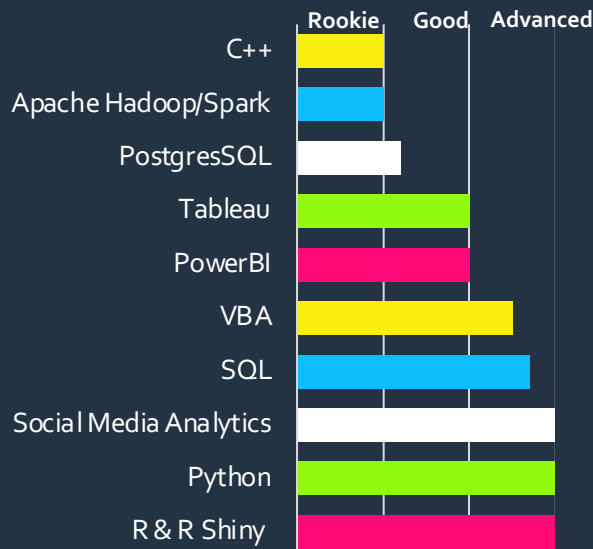## Portfolio Links & Contact Info

Email:
parinppatel@outlook.com

Github
https://github.com/ParInsights

Website
parinppatel.com

Phone
219-985-5769

LinkedIn
https://www.linkedin.com/in/parinppatel/

I Am A...

Data Architect
Data Scientist
Statistician
Data Analyst

Technical Skills

	Rookie	Good	Advanced
C++			
Apache Hadoop/Spark			
PostgresSQL			
Tableau			
PowerBI			
VBA			
SQL			
Social Media Analytics			
Python			
R & R Shiny			

Additional Skills

★★★★★ Visualizations/ Data Storytelling
★★★★★ Data Cleaning And Analysis
★★★★☆ Web Scraping
★★★★☆ Database Administration
★★★★☆ Natural Language Processing
★★★★☆ Statistical Methodology
★★★★★ Writing and Report Generation
★★★☆☆ Modeling Platforms (Azure, etc.)
★★★★☆ Machine Learning Algorithms

Work Experience

September 2018 - Current
U.S. Food and Drug Administration (FDA)
ORISE Research Fellow (Data Science)

Utilized advanced coding and statistical skills to mine and analyze data from multiple platforms to support program management and regulatory review related to monitoring the entirety of the U.S food supply. Focused on the FDA's Sodium Reduction Initiative in addition to other projects.

Successsfully worked on advanced food modeling and database architecture projects. Utilized skillsets related to function/algorithm scripting, Python, R, PostgreSQL, SQL,NLP,MongotDB, Text Mining,Topic Modeling, Machine Learning, Social Media/Twitter Sentiment Analysis, Linear & Logistic Regression, and Sentiment Analysis.

February 2017 - September 2018
Technomic Inc.
Market Data Research Intern

Utilized SQL and VBA, to extract and clean quantitative and qualitative data. Assisted with the collection team QC process.

Created pivot tables and automated excel sheets using VBA for research and project teams.

Assisted upper management with the government projects related to food data. Tasks include automation of spreadsheets, data cleaning and QC, team management, and advanced scraping.

January 2017 - September 2018
University of Illinois (UIC) Dept. Of Medical Education
Research Assistant

Assisted the department on mixed-method research on the medical school's admission policies and professional socialization of minority students.

Successfully utilized skillsets related to statistical analysis through SPSS++ and R programming to conduct ANOVA, Regression Analysis, Qualitative statistics quantitative statistics, and formal project proposal writing.

Abstracts

"Prevalence of Potassium-Containing Ingredients In Packaged Foods" – Prepared for 41st National Nutrient Databank Conference (NNDC)

"Food Ingredient Thesaurus (FIT): A Model For Developing a Standard Reference for Packaged Food Ingredients" – Prepared for 41st National Nutrient Databank Conference (NNDC)

"Best Measures To Evaluate The Professional Socialization of Minority Medical Students " – Prepared for Undergraduate Research Symposium