

Neel Adalja

Queens, New York • (518) 310-9661 • neel.adalja25@gmail.com • linkedin.com/in/neel-adalja-04 •

Data Analyst | Data Scientist | Python | SQL | Machine Learning

Aspiring Data Analyst and Data Scientist | Proficient in Python, R, SQL, and Data Visualization | Strong Analytical Skills with Hands-on Project Experience in Data Analysis, Machine Learning, and Business Insight

SKILLS

| | |
|----------------------------|---|
| Languages: | Python, R, SQL |
| Libraries: | BeautifulSoup, Matplotlib, Numpy, Pandas, Plotly, Scikit-Learn, Scrapy |
| Database: | MySQL, MongoDB, PostgreSQL |
| Cloud & Server | AWS, Google BigQuery, Apache Tomcat. |
| SDLC Methodologies | Scrum, Waterfall, Kanban, Development and Testing |
| Tech and Others: | Git/GitHub, Jupyter Notebook, VS-Code, Jira, Confluence, Postman, MS-Office, Asana, Slack |
| Data Visualization: | Matplotlib, Plotly, Power-BI, Tableau |

WORK EXPERIENCE

Takeo • New York

Nov 2024 - Present

Bootcamp and Education

Bootcamp Student

- Currently enrolled in an intensive Bootcamp focused on Data Analysis and AI, gaining hands-on experience with industry-standard tools libraries and methodologies.
- Strong foundational knowledge in data analysis, data science, and machine learning, with a focus on practical applications and real-world problem-solving.
- Proficient in databases and data management, including SQL and data manipulation techniques essential for data-driven roles.
- Completed multiple capstone projects, demonstrating the ability to work with large datasets and apply data analysis and machine learning techniques to solve complex problems.
- Experienced in data visualization tools such as Power BI and Tableau for presenting insights in a clear and actionable format.
- Familiar with programming languages like Python and R for data processing, statistical analysis, and machine learning tasks.
- Eager to leverage analytical skills and technical knowledge to contribute to data-driven decision-making in a dynamic work environment.

Purplesoft LLC • Austin Texas

Jan 2022 - Jun 2022

Scrum Master

- Facilitated Scrum ceremonies, including Daily Standups, Sprint Planning, Reviews, Retrospectives, and backlog refinements, for efficient 2-week sprints.
- Supported Product Owners in prioritizing and organizing the product backlog to align with business goals and deliver user-centric value.
- Collaborated with stakeholders, including Business Owners and Product Management, to define mission value and ensure alignment with Agile principles.
- Monitored and analyzed sprint metrics, such as burndown charts, to track progress and improve team performance.
- Leveraged knowledge of Agile methodologies, including Kanban and hybrid models, to manage workflows and address evolving project requirements effectively.

LITS Help-Desk Technician • Plattsburgh

Aug 2017 - Jan 2021

Technician and Helpdesk Support • Full-time

- Deploying updates on more than 100 PC's and setting them up for the users as per requirements.
- Provided remote support for end users via phone and in person and troubleshoot the issues on the machines.
- Documenting user issues by tickets using "ServiceNow" and resolving/moving as per status.

EDUCATION

Masters in Data Science

Monroe College • New Rochelle • GPA: 3.87

Mar 2023 - Dec 2024

Bachelors in Computer Science

State University of New York • Plattsburgh • GPA: 3.15

Jan 2017 - Jan 2021

Minor in Computer Security

CERTIFICATIONS

Google Data Analytics

Nov 2024 - Present

Coursera

Certified Scrum Master

Oct 2022 - Dec 2026

Scrum Alliance

PROJECTS

Ames Housing price prediction

Dec 2024 - Dec 2024

- Designed and implemented a machine learning model to predict housing prices using a dataset with 82 features, ensuring high accuracy and interpretability.
- Performed data cleaning, feature engineering, and exploratory data analysis to identify key factors influencing housing prices.
- Utilized regression techniques, including Linear Regression and Random Forest, to model housing prices and compare their performance.
- Developed interactive visualizations in Python to showcase patterns and relationships between variables using libraries like Matplotlib and Seaborn.
- Automated data preprocessing and model evaluation pipelines for scalability and reproducibility of results.

Retail Sales Insight

Nov 2024 - Nov 2024

- Conducted data preprocessing and analysis using Python and SQL to explore and clean raw sales data.
- Built interactive dashboards in Tableau to visualize sales trends, performance metrics, and key business insights.
- Identified actionable insights, including top-performing products, sales trends across regions, and seasonal patterns, enabling data-driven decision-making.
- Leveraged advanced Tableau features like calculated fields, filters, and parameters for dynamic and user-friendly dashboards.
- Demonstrated the ability to translate complex datasets into clear, actionable business insights, showcasing technical and analytical skills.

IMDB Movies Analysis

Nov 2024 - Nov 2024

- **Performed web scraping** using the BeautifulSoup4 library to extract IMDB movie data.
- **Conducted data analysis** in Python to uncover trends and insights in movie ratings and other metrics.
- **Designed an interactive dashboard** in Power BI to visualize key findings and provide actionable insights.
- **Ensured data accuracy** and integrity by cleaning and preprocessing the scraped dataset.
- **Showcased project results** through clear, engaging visualizations and comprehensive reporting.

VOLUNTEERING & LEADERSHIP

Tau Kappa Epsilon

Aug 2018 - Present

Member • Plattsburgh, New York

Student Association

Jan 2018 - Dec 2018

Senator of Housing • Plattsburgh, New York

Serving the student body of the college and leading the housing and rez life