

# ELIZA ESHET

## DATA SCIENTIST

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in [eliza-eshet](#)

### Profile

Hardworking and a quick learner adept at problem solving. Honest and reliable, possess strong interpersonal and communication skills.

### Skills

#### MACHINE LEARNING

Regression  
Classification  
Natural Language Processing

#### PROGRAMING

Python  
SQL  
JavaScript  
R

#### LIBRARIES AND FRAMEWORKS

Pandas  
NumPy  
BeautifulSoup  
Selenium  
NLTK  
Gensim  
Statsmodel  
Scikit-learn  
Keras  
Flask

#### VISUALIZATION

Matplotlib  
Seaborn  
HTML  
CSS  
Tableau

#### DATA MANAGEMENT/CLOUD TOOLS

Git  
Postgres

### Education

Indiana University 2013-2017  
B.A. in Cognitive Science

## EXPERIENCE

### Metis | Data Scientist

JUNE 2020 - SEPTEMBER 2020 *New York, NY*

- Completed a 12 week accredited data science bootcamp, with a concentration in Python techniques and project development.

#### Data Science Projects

##### Expanding MTA Accessibility in Manhattan

- All subway stations in Manhattan still aren't equipped for accessibility.
- Combined MTA subway data with Manhattan census data to anticipate the top five stations to receive elevator installments.
- Created composite "neediness" metric. Normalized each key metric by dividing individual values by max value, and took the average of normalized scores.

##### YouTube Subscriber Growth

- Scraped data from NoxScore, a YouTube analytics site.
- Utilized linear regression to understand how channel features could predict subscriber counts of a YouTube channel.
- Conducted feature engineering to yield a higher accuracy score.

##### Predicting Wine Quality

- Predicted wine quality using the physiological components of red and white wines.
- Built a Flask App that predicted quality based on input, and recommended the nearest wine measurement combination if wine was perceived as not quality.
- Modeled using 8 different supervised classification models.
- Utilized Random Forest Classifier to moderate class imbalance and variance of features.

##### Topics and Sentiments of Comedy Podcasts

- Analyzed comedy podcast transcripts to investigate the different topics and sentiments geared toward each podcasts separate success.
- Preprocessed transcripts. Modeled using a TFIDF Vectorizer and Non-Negative Matrix Factorization. Identified polarity and subjectivity measurements.

##### X-ray Image Classification

- Collected chest X-ray images. Preprocessed and formatted images. Applied a Neural Net in four different models to classify if a patient had corona, pneumonia or a normal scan.

### Law Offices of Susan Meisel Levin, P.A. | Assistant

DECEMBER 2017 - NOVEMBER 2019 *Miami, FL*

- Built and designed the law firm's website. Utilized HTML and CSS.
- Handled an array of tasks ranging from personal to business. Organized dinner arrangements to financial reports. Managed appointments and deadlines.
- Created systems to catalogue incoming and outgoing clients.
- Drafted forms and documents of legal circumstance. Filed documents with the court and set hearings. Handled insurance claims and HIPAA release forms. Communicated with hospitals, clients, attorneys, judicial assistants, banks.