

# Fiona Meisner

## Data Scientist

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🐙 GitHub

### TECHNICAL SKILLS:

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**Programming:** Statistical Analysis, Data Preparation, Data Cleaning, Data Visualization, SQL, Python (NumPy, Pandas, Scikit-Learn, Keras, TensorFlow, SciPy)

**Deep Learning:** Regression, Time Series, Classification

**Machine Learning:** Supervised ML Models, Unsupervised ML Model, Web Scraping, Image Recognition, Natural Language Processing

**Tools:** Matplotlib, Seaborn, Jupyter Notebook, Machine Learning in the cloud (AWS, Docker, Sagemaker, Spark)

### PROJECTS:

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**House Prices - Advanced Regression Techniques | GitHub** [🔗](#)

**Kaggle Placement: Top 12%**

- Predicted the sale price for each house. The SalePrice column being the target variable.
- Read the data and implemented with **Matplotlib** and **Seaborn** to view the data.
- Cleaned data, if any data was missing then filled it.
- Scaled the data with **StandardScaler** from **sklearn** and encoded the data.
- Predicted the model using **XGBoost** and found the sales price of each house.

**Sentiment Analysis on the Yelp Reviews**

- Built an algorithm from Yelp reviews and predicted the accuracy score is.
- Implemented with lambda functions and for loops.
- Tokenized the data with Natural Language Toolkit (**NLTK**) to split the data.
- Cleaned the stop words and append more stop words using lambda functions.
- **Lemmatized** the data with functions to remove the endings of words to change them to their base forms.
- Split data with train test split then predicted the score with **XGBoost**.

### PROFESSIONAL EXPERIENCE

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**Administrative Assistant**

04/2016 – present

*CMI*

- Presented leadership and communication skills by working alongside my co-workers and taking charge when needed to get work done in a timely and effective manner.
- Demonstrated adaptability by working on the assembly line.
- Created and updated physical records and digital files to maintain current, accurate and compliant documentation.
- Collaborated with co-workers when redesigning the company website.

### EDUCATION

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**Bachelors of Information Technology**

*University of Phoenix*

- Networking, Cloud infrastructure, Cybersecurity, Python

**Data Science Program**

*LearningFuze*

- Worked 20 - 25 hours per/week with data and reported to a Senior Data Scientist, in addition to working during the day.

### INTERESTS

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**Physical fitness:** Yoga teaching, ballet, hiking, Zumba | **Traveling:** Asia, Europe, Americas

**Language Learning:** Conversational Spanish