

Bhupesh Kumar

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Data Scientist with background in engineering and mathematics, I understand the theory behind predictive analysis and can provide end to end solutions to a business problem.

SKILLS

Programming Tools: Python, R, SQL, AWS, Spark, MATLAB, Tableau, Microsoft Office

Packages: SciKit-Learn, Pandas, NumPy, SciPy, NLTK, Pydicom, Beautiful Soup, Keras, Matplotlib

EDUCATION

Data Science Immersive General Assembly	August 2019 Seattle, WA
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Data Science Program Professional and Continuing Education, University of Washington	December 2018 Seattle, WA
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Bachelor of Science (B.S) in Electrical Engineering (ABET) University of Washington	June 2015 Seattle, WA
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PROJECTS

Pneumonia Detection in Chest Radiograph - CNN, AWS, ML

- Built a binary classification model using convolutional neural network that can process chest radiograph images (CXR) and determine whether it has signs of Pneumonia.
- Optimized results using AWS EC2 instances Linux c5.9xlarge, and GPU p2.xlarge for greater computing power.

Subreddit Text Classification - Web Scraping, NLP, ML

- Utilized web scraping techniques with python to extract and organize 'iPhone' and 'Google pixel' subreddit data from reddit.com
- Performed sentimental analysis using natural language toolkit to help understand how satisfied users were with each product.

Predicting Housing Price - ML, Tableau

- Built a regression model using SciKit-Learn to predict housing prices on Ames housing data.
- Performed exploratory data analysis to understand correlation among data and applied feature engineering to boost accuracy of the model.

CERTIFICATIONS

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| - Beginner Python and Math for Data Science (Metis) | March 2019 |
| - SQL- MySQL for Data Analytics and Business Intelligence (Udemy) | September 2019 |

EXPERIENCE

Project Engineer Design Air, an Emcor Company	January 2016 - September 2016 Renton, WA
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- Responsible for overseeing the review, initiation and execution of Engineering drawings and contracts.
- Managed \$5.1M contract work and 3 projects simultaneously.
- Supported Project Manager with budget, purchase order, RFP's, submittals, and invoicing.
- Verified fieldwork was performed safely per company and industry standards.