Doppalapudi Krishna Sai

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Machine Learning with Python

Issued by: Coursera

Authorized by: IBM

Issued to: Doppalapudi Krishna Sai

Issued on: 30 January 2020

Description

The badge earner has demonstrated a good understanding and application of machine learning (ML) including when to use different ML techniques such as regression, classification, clustering and recommender systems. The individual has acquired the skills to use different machine learning libraries in Python, mainly Scikit-learn and Scipy, to generate and apply different types of ML algorithms such as decision trees, logistic regression, k-means, KNN, DBSCCAN, SVM and hierarchical clustering.

Data Analysis with Python

Issued by: Coursera

Authorized by: IBM

Issued to: Doppalapudi Krishna Sai

Issued on: 30 January 2020

Description

This badge earner has the core skills in Data Analysis using Python. They can readily clean, visualize and summarize data using Pandas. Using Scikit-learn, the earner can develop Data Pipelines, construct Machine learning models for Regression and evaluate these models.

Databases and SQL for Data Science

Issued by: Coursera

Authorized by: IBM

Issued to: Doppalapudi Krishna Sai

Issued on: 30 January 2020

Description

This badge earner understands relational database concepts, can construct and execute SQL queries, and has demonstrated hands-on experience accessing data from databases using Python-based Data Science tools like Jupyter notebooks.

Python for Data Science and AI

Issued by: Coursera

Authorized by: IBM

Issued to: Doppalapudi Krishna Sai

Issued on: 30 January 2020

Description

This badge earner has the core skills in Python such as critical data structures, programming fundamentals and experience with core libraries for data science. They can apply this knowledge to work with data and develop applications for data science. The individual also has sufficient Python knowledge to work with Python libraries.

Applied Data Science Capstone

Issued by: Coursera

Authorized by: IBM

Issued to: Doppalapudi Krishna Sai

Issued on: 30 January 2020

Description

The badge earner has demonstrated proficiency in applying Data Science and some Machine Learning concepts including identifying and clearly defining a problem that can be solved using location data, working with and making calls to APIs, and using location data to solve the problem defined. The individual has also demonstrated proficiency in documenting their work and preparing a full formal data science project report.

Open Source Tools for Data Science

Issued by: Coursera

Authorized by: IBM

Issued to: Doppalapudi Krishna Sai

Issued on: 30 January 2020

Description

This badge earner has demonstrated their skill and understanding of how popular data science tools such as the Jupyter Notebook, RStudio, Zeppelin and Watson Studio are used, as well as the advantages and disadvantages of each tool.

Data Science Methodology

Issued by: Coursera

Authorized by: IBM

Issued to: Doppalapudi Krishna Sai

Issued on: 30 January 2020

Description

This badge earner has demonstrated a thorough understanding of the different stages that constitute the data science methodology, which is instrumental to solving any data science problem.

Data Science Orientation

Issued by: Coursera

Authorized by: IBM

Issued to: Doppalapudi Krishna Sai

Issued on: 30 January 2020

Description

This badge earner has a good understanding of why data science, artificial intelligence (AI) and machine learning are revolutionizing the way people do business and research around the world. They have general knowledge on what data science is today.

Data Visualization with Python

Issued by: Coursera

Authorized by: IBM

Issued to: Doppalapudi Krishna Sai

Issued on: 30 January 2020

Description

This badge earner has a good understanding of what data visualization is, uses of data visualization, and best practices when creating plots and visuals. The individual has the skills to use different Python Libraries, mainly Matplotlib and Seaborn to generate different types of visualization tools such as line plots, scatter plots, bubble plots, area plots, histograms, and bar charts. The earner is able to use the Folium library to visualize geospatial data and to create choropleth maps.