

MADAMALA REVANTH

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Data Science Methodology

Issued by: [Coursera](#)

Issued on: 28 March 2019

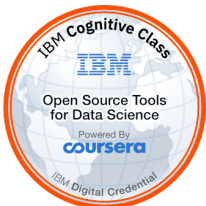
This badge earner has demonstrated a thorough understanding of the different stages that constitute the data science methodology, which is instrumental to solving any data science problem.

Skills

Data Science Methodology, Jupyter Notebook

Criteria

- Complete the Coursera course "Data Science Methodology" including all hands-on labs and assignments.
- Pass the Coursera course assessment criteria.



Open Source Tools for Data Science

Issued by: [Coursera](#)

Issued on: 22 March 2019

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.

Skills

Jupyter, RStudio, Watson Studio, Zeppelin

Criteria

- Complete the Coursera course "Open Source Tools for Data Science".
- Perform hands-on labs to create Jupyter Notebooks with code and Markdown, create and run R scripts in RStudio, create projects and share notebooks on Watson Studio, and create and run notebooks on Apache Zeppelin.
- Complete the final course assignment to create and publicly share a Jupyter Notebook containing code and Markdown using Watson Studio.
- Pass the Coursera course assessment criteria.



Data Science Orientation

Issued by: [Coursera](#)

Issued on: 22 March 2019

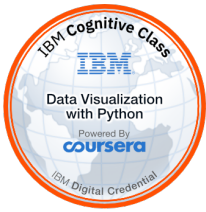
This badge earner has a good understanding of why data science, artificial intelligence (AI) and machine learning are revolutionizing the way people do business and research around the world. They have general knowledge on what data science is today.

Skills

AI, Artificial Intelligence, Critical Listening, Critical Reading, Data Science, Machine Learning

Criteria

- Complete the Coursera course "What is Data Science?".
- Pass the Coursera course assessment criteria.



Data Visualization with Python

Issued by: [Coursera](#)

Issued on: 22 March 2019

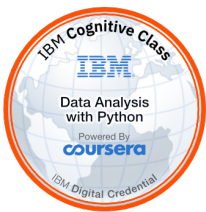
This badge earner has a good understanding of what data visualization is, uses of data visualization, and best practices when creating plots and visuals. The individual has the skills to use different Python Libraries, mainly Matplotlib and Seaborn to generate different types of visualization tools such 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.

Skills

And The Jupyter Notebook, Folium, Matplotlib, Numpy, Python, Seaborn

Criteria

- Complete the Coursera course "Data Visualization with Python" including all hands-on labs and assignments.
- Pass the Coursera course assessment criteria.



Data Analysis with Python

Issued by: [Coursera](#)

Issued on: 22 March 2019

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.

Skills

Numpy, Pandas, Python, SCIPy, Scikit-learn

Criteria

- Complete the Coursera course "Data Analysis with Python" including all hands-on labs and assignments.

- Pass the Coursera course assessment criteria.



Applied AI with DeepLearning

Issued by: [Coursera](#)

Issued on: 22 March 2019

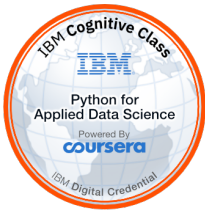
This badge earner understands how DeepLearning Neural Networks work. The individual understands different state-of-the-art DeepLearning frameworks. The earner can also apply their knowledge on different industry relevant tasks. Finally, they know how to scale the neural networks on data parallel frameworks like Apache Spark and GPUs.

Skills

Artificial Intelligence, Computer Vision, Data Science, DeepLearning, Internet Of Things, Neural Networks, TensorFlow

Criteria

- Complete the Coursera course "Applied AI with DeepLearning" including all hands-on labs and assignments.
- Pass the Coursera course assessment criteria.



Python for Applied Data Science

Issued by: [Coursera](#)

Issued on: 02 January 2019

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.

Skills

Bokeh, Matplotlib, Python

Criteria

- Complete the Coursera course "Python for Data Science" including all hands-on labs and assignments.
- Pass the Coursera course assessment criteria.