

SPE GCS Data Analytics - Hands-on Data Analytics Boot Camp

Speaker Bio's



Simon Mantle

Simon has worked for Baker Hughes for 22 years concentrating on all aspects of drilling operations and services. In Drilling Services Software he held multiple disciplinary roles from testing, technical support, requirements to project manager for acquisition systems. After leading Project Engineering and Systems Integration, he led the Digital Data Team. Focused on data management, his team delivered the initial version of the Baker Hughes Information Reservoir system.

Simon is currently supporting sales for the Digital Analytics product line as well as managing O&G data sets for the data science team members.

Simon enjoys travelling the country with his son in pursuit of his aspirations to represent the USA in archery. His other passions include cooking, cycling and following football in England. Simon holds an engineering degree in Industrial Geology from Camborne School of Mines in the UK..



Abiodun Akogun

Abiodun is a senior data scientist for the Enterprise Data Management and Analytics team at Christus Health. Prior to joining Christus Health, he was a senior consultant/data scientist at Verizon where he developed a space time model that accurately predicts utilization on telecom cell towers to within 5% accuracy. He is the head of Katy Data Analytics & Machine Learning (a meetup group with focus on use cases for machine learning and artificial intelligence). He likes using his analytical skills to teach math in his spare time and he also uses his spare time to give seminars on Big Data and Analytics.

Some of his projects involve building classification models, sentiment analysis on customer textual data to help identify patterns in customer data and building time series models to help forecast future trends in organizational data.

Abiodun holds a Master's degree in Analytics from Texas A&M University, a Master's degree in Electrical Engineering from Tennessee Technological University and a Bachelor's degree (First Class Honors) in Electrical Engineering from Obafemi Awolowo University, Nigeria.



Deval Pandya

Deval is a Data Scientist working in Advanced Analytics CoE. He holds a Doctorate in Mechanical Engineering and a Masters in Aerospace engineering. He Ph.D. Thesis focused on developing novel CFD + Neural network based simulation models for solid particle erosion modeling. Since joining Shell, he has worked on various predictive analytics problems in seismic processing, predictive maintenance, GHG accounting, soft sensors and nature based carbon mitigation mechanism. He is passionate about the role of digitalization in Energy Transition and is co-founder of Future Energy Lions network in Shell.

He is selected amongst 100 young leaders from across the globe to join prestigious Future energy leaders' cohort of World energy council. Deval advises startups in energy and analytics space and leads Data science sub-committee for Houston Exponential. Outside work, he enjoys cooking, traveling and reading

30th August 2018, 07:30 AM- 04:00 PM
Houston Exponential, 410 Pierce St, Houston, TX 77002

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Neeraj is a principal consultant and the chief data scientist at January Advisors, a small consulting firm that works with large non-profits and government entities. January Advisors uses R, Python, SQL and cloud infrastructure providers to provide solutions for its customers.

Neeraj holds an MD and BS in Computer and Electrical Engineering

Neeraj Tandon



Roy Keyes leads the North American data science team at Arundo Analytics, a software company that enables industrial companies to solve business problems using data science and machine learning-based technologies. Prior to Arundo he has worked as both an employee and consultant for several technology startups in the Bay Area. In a previous life he did computational physics research on radiation therapy for cancer and designed particle accelerators.

Roy holds a PhD in computational physics from the University of New Mexico and a BS in physics from Rice University.

Roy Keyes



Ziad serves as Calpine's Director of Operations Analytics, where he transformed an engineering organization into a cross functional Data Science organization supporting all aspects of the operations business. He has extensive business expertise in leading high caliber cross functional teams that empower senior executives with data-driven decision making. He also has extensive expertise in deploying machine learning and deep learning pipelines for modeling machinery behavior and building end to end applications used for industrial assets optimization

Ziad holds an MBA (finance) and MS (analytics) and undergrad in Mechanical Engineering alongside certifications in GE Project Management and Leadership and GE Power University.

Ziad Katrib

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