A Hands-on Introduction to Data Science

Why should you attend this 3-day bootcamp?
Data literacy is a crucial but rare skill to have for any modern-day business. Our bootcamp curriculum teaches working professionals how to extract actionable insights from data enabling you to solve real-world problems in the shortest duration possible. A series of live in-person instructor-led tutorials will teach you the fundamentals of data science and equip you with skills in R programming and Azure machine learning tools for data science. Our carefully crafted curriculum provides the right mix of theoretical concepts, hands-on practical exercises, and business interpretation of results.

What you will learn?
Content covered in the 3-day bootcamp will include:

- Introduction to Big Data, Data Science and Predictive Analytics
- Data Exploration, Visualization, and Feature Engineering
- Introduction to Predictive Modeling, Classification and Decision Trees
- Evaluation of Classification Models
- Deploying a model in Azure machine learning
- Participation in a Kaggle competition

**Hands-on instructor-led practical exercises**

- Building and Understanding Visualizations in R
- Building a Classifier
- Determining the best split for Classification Models
- Parameter tuning and Cross-Validation

Who should attend?
Working professionals who want to add data science to their current skillset, or who want to learn more about this new field.

Program Requirements
You should have an interest in data science and data engineering as well as knowledge of at least one programming language. However, many of our attendees come to us with little to no programming experience. Our pre-bootcamp materials will get you where you need to be to hit the ground running.

Instructors
Syed Arham Akheel, Raja Iqbal, Rebecca Merrett, Tarun Shrivas