جامعة الملك عبدالله
للعلوم والتقنية
King Abdullah University of
Science and Technology

**Core Labs and
Research Infrastructure**

KAUST Visualization Core Lab (KVL) presents:

Introduction to Data Science Workshop Series

With the increase in demand for data science solutions at KAUST and across Saudi Arabia, the **KAUST Visualization Core Lab (KVL)** has organized the virtual **Introduction to Data Science Workshop Series**, which will take place every Tuesday from February 16 through April 6.

The KVL team has offered the Introduction to Data Science Workshop Series every spring and fall semester since the fall of 2018. The workshops series has proven to be very popular, with the KVL team providing training to hundreds of individuals from KAUST since the start of the series. In the spring semester of 2021, KVL will open registration to the workshop series to interested participants from throughout Saudi Arabia.

Additional courses added to the workshop series in 2021 include a course on machine learning with Scikit Learn and a course on image classification with Keras.

Introduction to Shell for (Data) Scientists

Tuesday, February 16, 2021
1:00 – 5:00 p.m.
Registration: For KAUST Participants || For non-KAUST Participants

Introduction to Conda for (Data) Scientists

Tuesday, February 23, 2021
1:00 – 5:00 p.m.
Registration: For KAUST Participants || For non-KAUST Participants

Introduction to Python for Data Science

Tuesday, March 2, 2021
1:00 – 5:00 p.m.
Registration: For KAUST Participants || For non-KAUST Participants

WORKSHOP SERIES

INTRODUCTION TO DATA SCIENCE

Core Labs and Research Infrastructure

Introduction to Version Control using Git for (Data) Scientists

Tuesday, March 9, 2021
1:00 – 5:00 p.m.
Registration: For KAUST Participants || For non-KAUST Participants

Introduction to SQL for Data Science

Tuesday, March 23, 2021
1:00 – 5:00 p.m.
Registration: For KAUST Participants || For non-KAUST Participants

Introduction to Machine Learning with Scikit Learn

Tuesday, March 30, 2021
1:00 – 5:00 p.m.
Registration: For KAUST Participants || For non-KAUST Participants

Introduction to Image Classification using Keras

Tuesday, April 6, 2021
1:00 – 5:00 p.m.
Registration: For KAUST Participants || For non-KAUST Participants

The core material for the workshop series largely follows a curriculum developed by global nonprofit organizations **Software and Data Carpentry.** The organizations teach foundational coding and data science skills to researchers and practitioners worldwide.

All KVL training events are recorded, and the recordings are available on **KVL's YouTube channel.**

For further information, please visit the **KVL Data Science Training Calendar.**

For any questions, please contact **help@vis.kaust.edu.sa.**