



Pantas and Ting

**Sutardja Center**  
for Entrepreneurship & Technology

Berkeley Engineering

**Data-X:**

# A Highly Applied Course in Data Science

**FALL 2017**

**INDENG 135, COURSE # 46371**

**INDENG 290-02, COURSE # 46662**

**3 UNITS, LECTURE AND LAB**

**THURSDAYS, 5-8 PM**

**INSTRUCTOR: IKHLAQ SIDHU**

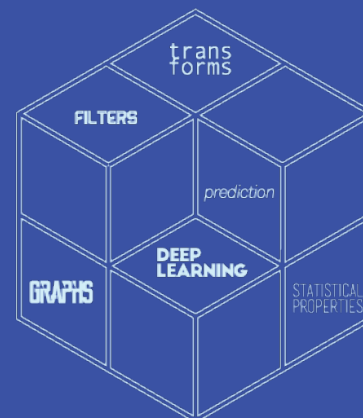
This highly-applied course surveys a variety of key concepts and tools that offers an understanding at the intersection of **foundational mathematical concepts** and **current computer science tools**, all of which are **useful for designing and building applications that process data signals of information.**

The course is designed to be more applied than a traditional ML algorithms course because an entrepreneurially-relevant, agile, and design-oriented application development process is also integrated with the project portion. The skill set learned in this class can be applied to a broad range of industry sectors such as finance, health, engineering, transportation, energy, and many others.

#### Computer science tools:



#### Mathematical concepts:



**Berkeley**  
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