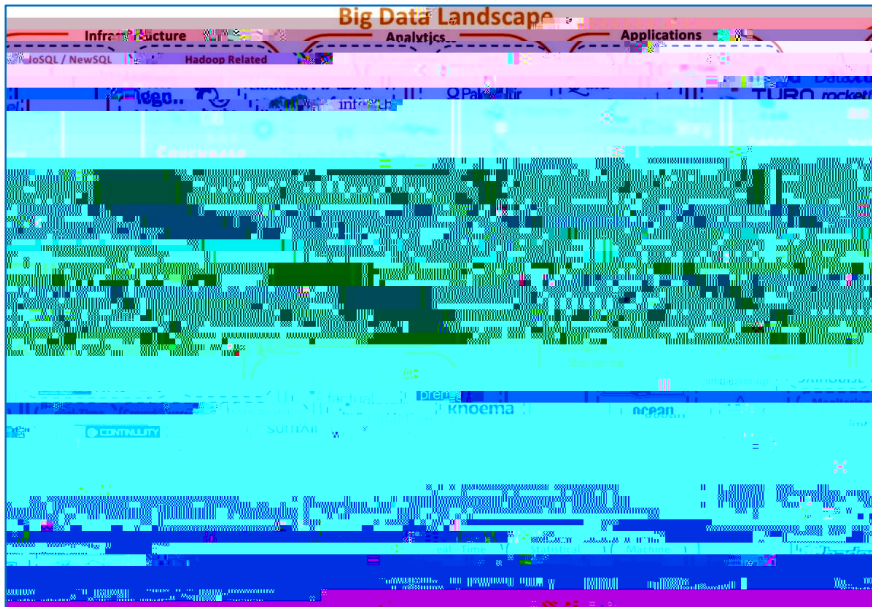




## COEN Developments in Computer Software: Big data discovery through integration



### COURSE FORMAT

- Hands-on Coding Lab and Projects with Real World Data
- Active Discussion and Q&A Forums in D2L led by Instructor

👤 Pre-requisites: Consent of Instructor

### PROJECT EXAMPLES

- 💡 In this course, we will learn the process of big data discovery, types of data with focus on unstructured and heterogeneous data, data cleaning, schema design, and integration.
- 💡 Identify challenges associated with heterogeneous and unstructured data
- 💡 In the course project, students will research, develop methodology, and implement data integration solutions for real world applications (e.g., healthcare, earth science).

#### 💡 Course highlights

- Discover and learn challenges associated with big data!
- Can learn how to apply ML/DS to solve data challenges!
- Devolve project to solve real world problems!

👤 Instructor:  
Dr. Priya Deshpande,  
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