Spotlight on Data and Data Oriented Jobs

The volumes of data being created, stored, analyzed and displayed is greater now than ever before. This growth spawned new data professions in addition to the existing ones. The lecture will use the context of modern enterprise business application landscape to introduce interconnections between processes, applications and data. A few use cases will be described to explain the problems or demonstrate functional needs. Leveraging this background and use cases, multiple data centric activities will be discussed and roles and responsibilities of data professionals will be described. Typical work, interactions, output, organizational belonging will be some of the characteristics. The lecture is meant to widen horizon of the future computer professionals, deepen their understanding of the importance of data and encourage further interest. Tentative list of covered data focused disciplines/practices is below.

- Data architecture
- Data modeling
- Data science
- Data governance
- Data analysis
- Chief Data office