**BUAN6346 - Big Data**

**BUAN 6346 (MIS 6346)** Big Data (3 semester credit hours) This course covers topics including (1) understanding of big data concepts (20%), (2) manipulation of big data with popular tools (50%), and (3) distributed analytics programming (30%). It is a project-oriented course; thus students will be required to establish a big data environment, perform various analytics, and report findings in their projects. Though concepts and theoretical aspects are addressed, more emphasis will be on actual operations of a big data system. Students will not only manipulate the basic big data software/system, but also use various dedicated big-data tools and perform distributed analytics programming with popular computer languages. Prerequisites: [BUAN 6320](https://catalog.utdallas.edu/2018/graduate/courses/buan6346) or [MIS 6326](https://catalog.utdallas.edu/2018/graduate/courses/buan6346). (3-0) Y