



CSIE59830/CSIEM0410/ AIIA50050 Independent Study & Term Project

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Independent Study



- Can be **individual** or a **team of two** students. (10~15 topics)
- Select a new big data open source system as the target.
- Study and actually test it.
- Introduce the system to the class:
 - PowerPoint presentation
 - Demo (in class)
- 10min presentation/5min Q&A

Term Project



- **Individual** term project
- Conduct a literature review to determine:
 - An open-source big data **system/tool**
 - A **data set** (open data recommended)
 - An **application** on the data set
- **Develop** the application
- **Document** the process
- **Demonstrate** the app and **explain** it to me
- **Due date: one week after final !!**

Proposals



- Submit **proposals** of Independent Study and Term Project during the midterm weeks.
- For Independent Study: **1 page**
 - The selected open source system
 - Reasons of selection and use cases
 - Resources
- For Term Project: **< 5 pages**
 - The selected system/tool (can be the same as IS)
 - The intended application
 - The data set and resources
- **Due date:** one week **after** midterm week.