# CHS2406 Data Driven AI

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| **Weeks** | **Content** |
| Week 1 | Data Centric AI and Label Errors |
| Week 2 | Exploratory Data Analysis  https://www.slideshare.net/BabasID2/exploratory-data-analysis-260402043 |
| Week 3 | Data Pre-processing  Missing values  Noisy data  Inconsistent data |
| Week 4 | Feature Engineering  Feature selection  Sampling  discretization |
| Week 5 | Curse of Dimensionality |
| Week 6 | Guidance Week |
| Week 7 | Intro to Deep Learning |
| Week 8 | How a NN trains? |
| Week 9 | Convolutional Neural Network |
| Week 10 | Data Augmentation |
| Week 11 | Pre-Trained Models |
| Week 12 | Guidance Week |

Sources:

https://ml-course.github.io/master/intro.html