Module 1, Lesson 1: Introduction to Data Mining

Attributions

- Slide 3: Into the Digital Era

  - Gas sensor: https://pixy.org/4883995/
  - Space Satellite: https://picryl.com/media/artists-concept-of-a-navstar-global-positioning-system-satellite-a-space-based-ac535d?zoom=true
  - Rubin Observatory: https://cdn2.webdamdb.com/220th_sm_1RBjzfzyKFBe.jpg?1598989791
  - Ship sonar: https://commons.wikimedia.org/wiki/File:Fis01334_(27555144884).jpg
  - People clipart: https://pixy.org/4482916/
  - Smart phone: https://pixabay.com/photos/cellphones-smartphones-mobile-phones-5507342/
  - Internet tablet: https://pixy.org/4765028/

- Slide 4: Why Data Mining?

  - Big data: https://pixabay.com/illustrations/big-data-information-data-3964871/

- Slide 15: Frequent Pattern Analysis

  - Bird migration: https://www.flickr.com/photos/53130103@N05/7090208379

- Slide 17: Prediction

  - Weather forecast example: https://graphical.weather.gov/

- Slide 18: Clustering

  - Clustering example: https://commons.wikimedia.org/wiki/File:EM-Gaussian-data.svg

- Slide 20: Trend and Evolution Analysis

  - Trend example: https://commons.wikimedia.org/wiki/File:Graph_total_Isasmelt_capacity.png
  - Google Trends: https://upload.wikimedia.org/wikipedia/en/3/3b/Google_Trends.png