1. Lesson 1: R Basics - complete 8/18
   1. Downloading R & RStudio
   2. R Basics
      1. Data types (string, list, data frames, etc.) - check
      2. Vector arithmetic
      3. Indexing - check
2. Lesson 2: More advanced R - complete 8/18
   1. Installing libraries + loading libraries
   2. Data import & export
   3. Tibbles, Tidy, & dplyr
      1. Sorting
      2. Pipes
   4. Iterations (i.e. For loops, if/else statements)
   5. Writing your own functions & calling functions
      1. i.e. write a function to calculate average or std
3. Lesson 3: Data visualization
   1. ggplot2 – various plots with explanations on how to customize layout
4. Lesson 4: Building models & statistical tools - complete 8/20
   1. General statistics
      1. Summary, mean, range, median, IQR, etc.
   2. Fitting data with basic statistical models (i.e. linear regression)
5. Lesson 5: Logistic regression
   1. Goal complete by 8/26
6. Project 1: Heart disease dataset
   1. Data exploration - complete by 8/27
   2. Hypothesis testing - complete by 8/27
   3. Linear regression - complete by 9/4
   4. Logistic regression - complete by 9/4
7. Lesson 6: Machine learning with R – classification models
   1. SVM
   2. KNN
   3. Naïve Bayes
   4. Decision Trees
8. Lesson 7: Clustering
   1. K-means
   2. GMM
   3. UMAP + t-SNE
9. Lesson 8: neural networks

Green = complete

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   1. General statistics
      1. Summary, mean, range, median, IQR, etc.
   2. Fitting data with basic statistical models (i.e. linear regression) & how to customize model function
4. Lesson 4: Data visualization
   1. ggplot2 – various plots with explanations on how to customize layout
5. Lesson 5: Clustering
   1. K-means
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