

# Statistical Learning

## - Course Syllabus -

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### **Lecture 0 - Requirements: Tidyverse**

#### **Tidyverse:**

- Core Tidyverse
- Wrangle (tidyr & dplyr)
- Program (purrr)

#### **R Code Evaluation Methods:**

- Standard Evaluation
- Non-Standard Evaluation
- Tidy Evaluation

#### **Pipe Operator:**

- Basic Piping
- Argument Placeholder
- Re-using Placeholder for Attributes

### **Lecture 1: Tidymodels**

### **Lecture 2: Neural Networks with Keras**

### **Lecture 3: Explainable AI**