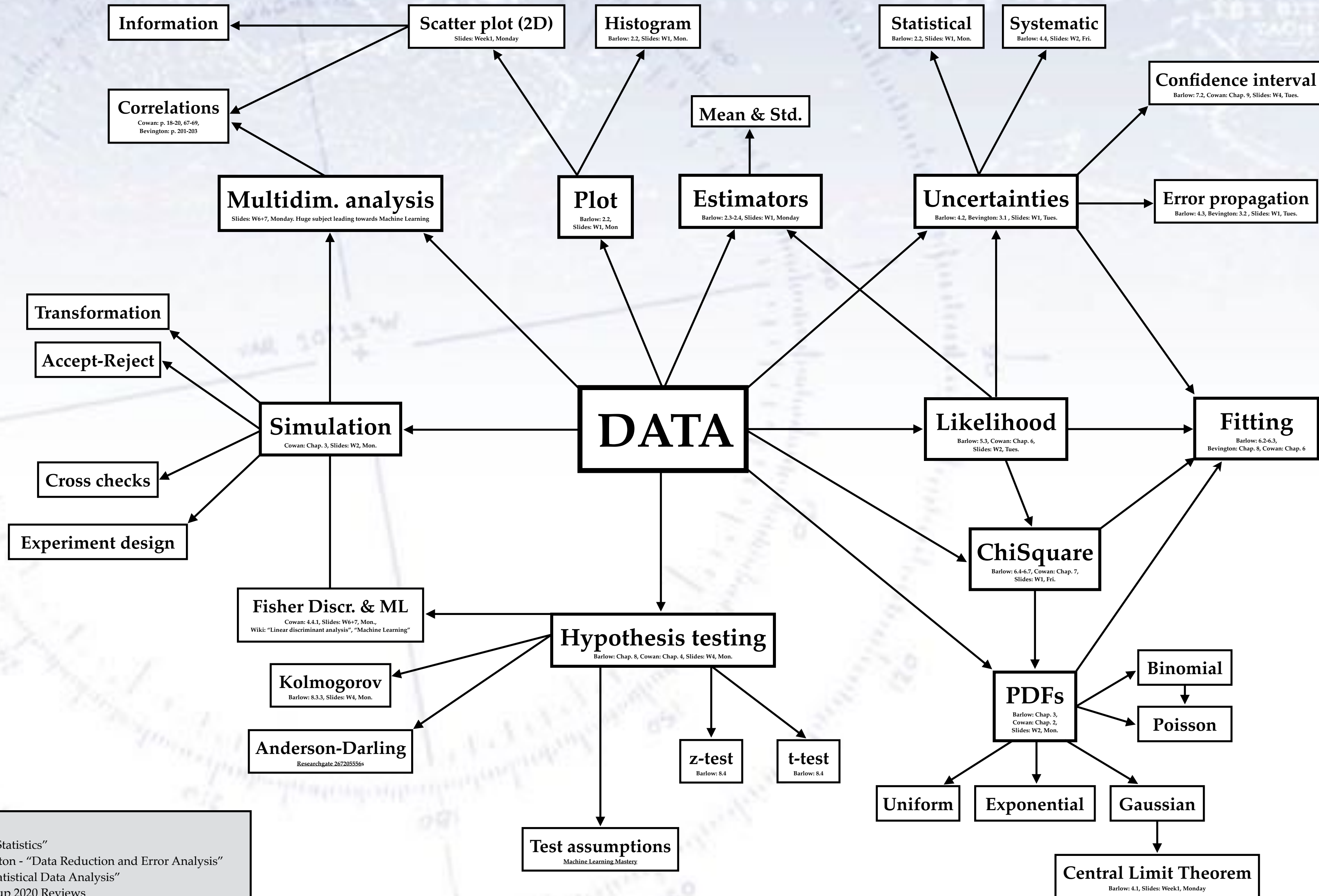


# Applied Statistics

Describe data (Quantify & Visualise)

# Overview of subjects

Version 1.6, 27. Oct. 2024



Simulate data (Design & Cross Check)

Model data (Predict & Understand)

Test hypotheses on data (Reject & Decide)

References:  
 Barlow: R. J. Barlow - "Statistics"  
 Bevington: P. H. Bevington - "Data Reduction and Error Analysis"  
 Cowan: G. Cowan - "Statistical Data Analysis"  
 PDG: Particle Data Group 2020 Reviews  
 Slides: T. C. Petersen - "Applied Statistics 2023" course (W = Week)  
 Wiki: Good reference for ALL subjects (only specified when essential)  
 SciPy: SciPy Statistical Functions and (very brief) documentation