Data Structures
(discussed in class)

Hypothesis Testing
Throughout this course, we have done the following:

i) One-Sample t-test for a single population mean,
ii) Paired t-test for the difference between two population means,
iii) Two Independent Sample t-test for the difference between two population means,
iv) One-Factor ANOVA F-test for any difference among *I* population means,
v) A t-test for a linear combination of means,
vi) Some Extra-Sum-of-Squares F-test comparing two models for the *I* population means,
vii) An ANOVA F-test for any regression model effects,
viii) A t-test for a single regression coefficient,
ix) Some Extra-Sum-of-Squares F-test comparing two regression models (testing a subset of coefficients),
x) One-Sample Z-test for a single population proportion,
xi) Two Independent Sample Z-test for the difference between two population proportions,
xii) Two-Sample Z-test for a log odds ratio,
xiii) Z-test for a single regression coefficient under logistic regression,
xiv) Or, Wald's test for a single regression coefficient under logistic regression.

Confidence Intervals
Throughout this course, we have done the following:

i) One-Sample CI for a single population mean,
ii) Paired CI for the mean difference,
iii) Two Independent Sample CI for the difference between two population means,
iv) A CI for a linear combination of means,
v) Multiple CIs to determine where differences between groups exist,
vi) A CI for a single regression coefficient in SLR/MLR,
vii) A CI/PI for the mean/individual response in SLR,
viii) An approximate PI for single responses in MLR,
ix) One-Sample CI for a single population proportion,
x) Two Independent Sample CI for the difference between two population proportions,
xi) Two-Sample CI for a log odds ratio,
xii) Or, a CI for a single regression coefficient under logistic regression.