

R Scripts

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- **R** is **interactive** – i.e., you can enter R commands one at a time and view the respective results after each command
- But you can also write and save R programs called **“scripts”**
- Scripts are **batches of R commands**, which you can run together
- But R scripts allow you to enjoy the benefits of a full-blown **object-oriented** programming **language**. It includes:
 - ✓ **Objects**, with:
 - **“Methods”** or “behaviors” – i.e., functions and programs
 - **“Properties”** – i.e., data
 - ✓ User defined **functions**
 - ✓ Program logic **controls** – e.g., loops, if statements, etc.
 - ✓ Package and Task View **installations**
 - ✓ Various **data types** and data **manipulation** features
- **All the necessary scripts for this class developed by the textbook authors and your professor are contained in the script:**

ITEC621Scripts.R

ITEC621Packages.R (contains all the packages used in the course)





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