**Unit 3 Code and Collection Type Preference**

Laurence T. Burden

Purdue Global University

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John Brooks

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**Data Collection Preferences**

My preference for the language with the best data collection type is Python. The list with sub-lists is easy to add to and manipulate. Python makes looping through each main element and sub-elements very easy.

The most difficult collection type for me was R’s matrix. The syntax used by R takes the most thought by me since it is very different from others I have used. I can see the uses of the matrix collection type, though. The ability to assign column and row names to be easily printed will be useful in data analysis.

**Unit 3 Java Code and Results**

**Graphical user interface, text, application

Description automatically generated**

**Unit 3 Python Code and Results**

**Text

Description automatically generated**

**Unit 3 R Vector Code and Results**

Graphical user interface, text, application, email

Description automatically generated

**Unit 3 R Matrix Code and Results**

**Graphical user interface, text, application

Description automatically generated**