Data Validation

# Data Types

Before designing your validation rules, it is important that you know what type of data is being stored in each variable. Complete the table below:

|  |  |  |
| --- | --- | --- |
| Data Item | Data Type | Example |
| Start Latitude |  |  |
| Start Longitude |  |  |
| Ride Title |  |  |
| Start Time |  |  |
| Finish Time |  |  |
| Distance Ridden |  |  |
| Maximum Speed |  |  |
| Average Speed |  |  |
| Minimum Altitude |  |  |
| Maximum Altitude |  |  |

# Validation Rules

For each of the types of validation rule, state which variables will need which rules

|  |  |
| --- | --- |
| Validation Rule | Variables |
| Presence Check | All values are required |
| Type Check |  |
| Length Check |  |
| Range Check |  |
| Lookup Check |  |
| Format Check |  |