

# What Is Data?

- ▶ Each row is an observation and each column is a variable.

|    | A                         | B            | C          | D            | E             | F        | G           | H             | I             | J           |
|----|---------------------------|--------------|------------|--------------|---------------|----------|-------------|---------------|---------------|-------------|
| 1  | Player                    | Career Start | Career End | Matches Play | Innings Batte | Not Outs | Runs Scored | Highest Innir | Highest Innir | Batting Avg |
| 2  | DG Bradman (1928-1948)    | 1928         | 1948       | 52           | 80            | 10       | 6996        | 334           | 334           | 99.94       |
| 3  | MN Nawaz (2002-2002)      | 2002         | 2002       | 1            | 2             | 1        | 99          | 78*           | 78            | 99          |
| 4  | VH Stollmeyer (1939-1939) | 1939         | 1939       | 1            | 1             | 0        | 96          | 96            | 96            | 96          |
| 5  | DM Lewis (1971-1971)      | 1971         | 1971       | 3            | 5             | 2        | 259         | 88            | 88            | 86.33       |
| 6  | Abul Hasan (2012-2013)    | 2012         | 2013       | 3            | 5             | 3        | 165         | 113           | 113           | 82.5        |
| 7  | RE Redmond (1973-1973)    | 1973         | 1973       | 1            | 2             | 0        | 163         | 107           | 107           | 81.5        |
| 8  | BA Richards (1970-1970)   | 1970         | 1970       | 4            | 7             | 0        | 508         | 140           | 140           | 72.57       |
| 9  | H Wood (1888-1892)        | 1888         | 1892       | 4            | 4             | 1        | 204         | 134*          | 134           | 68          |
| 10 | TA Blundell (2017-2017)   | 2017         | 2017       | 2            | 3             | 1        | 136         | 107*          | 107           | 68          |
| 11 | CS Dempster (1930-1933)   | 1930         | 1933       | 10           | 15            | 4        | 723         | 136           | 136           | 65.72       |

- ▶ The job of a statistician is to make data to sing a harmonious song and inform us of something useful.

**In God We Trust  
All Others Bring Data**

**Edwards Deming**