

<https://github.com/Twixy565/hello-world.git>

- Task 3: What is the level of measurement of the following variables?
 - a The number of downloads of different bands' songs on iTunes
 - Discrete ratio
 - b The names of the bands that were downloaded.
 - Nominal
 - c The position in the iTunes download chart.
 - Ordinal
 - d The money earned by the bands from the downloads.
 - Continuous ratio variable
 - e The weight of drugs bought by the bands with their royalties.
 - Continuous ratio variable
 - f The type of drugs bought by the bands with their royalties.
 - Categorical nominal variable
 - g The phone numbers that the bands obtained because of their fame.
 - Categorical nominal variable
 - h The gender of the people giving the bands their phone numbers.
 - Categorical binary variable
 - i The instruments played by the band members.
 - Categorical nominal variable
 - j The time they had spent learning to play their instruments.
 - Continuous ratio variable
- Task 4: Say I own 857 CDs. My friend has written a computer program that uses a webcam to scan the shelves in my house where I keep my CDs and measure how many I have. His program says that I have 863 CDs. Define measurement error. What is the measurement error in my friend's CD-counting device?
 - a Measurement Error - Discrepancy between the numbers we use to represent the thing we're measuring and the actual value of the thing we're measuring.

- b The measurement error is the program counting 6 (863 CDs) more disks than what was known (857 CDs).
- Sketch the shape of a normal distribution, a positively skewed distribution and a negatively skewed distribution.



