

# Crafting with Data

Reality, Illusions, Truth & the Future

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Instructor: Rob Faludi

# Plan for Today

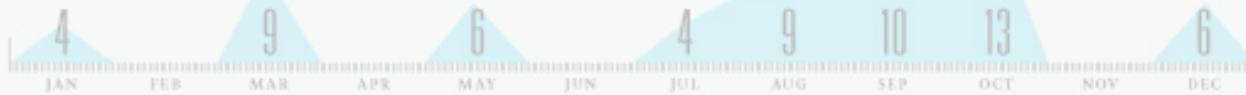
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- Nicholas Felton
- Present self-portraits
- Measurement
- Readings & Assignments

# Two Thousand and Seven

## THE YEAR BY DAY:

### 58 VACATION DAYS



### 61 OFFICE-FREE DAYS



Nicholas Felton

feltron.com

### 266 OFFICE DAYS



### LOWEST TEMPERATURE (°F):

8°

FEBRUARY 5, NYC

### HIGHEST TEMPERATURE (°F):

92°

JULY 16 & AUGUST 2, NYC

### POSTCARDS RECEIVED:

13

### WEIGHT GAINED:

2.6

POUNDS

### BURGLARS CONFRONTED:

ONE

### LONGEST DAY OF THE YEAR:

MARCH TENTH

### TEETH LOST BY CAT:

1

### MUSEUM VISITS:

EIGHT

# An Average



### CHANCE OF OLIVE'S LUNCH:

44%

### CHANCE OF DINNER AT HOME:

39%

# Present self-portraits

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- Show us what you did
- Tell us about the data
  - what is it?
  - how was it collected?
- Reactions

# Measurement

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- estimation
- error
- uncertainty
- units
- dimension
- dimensionless (ratios and products, units cancel out)

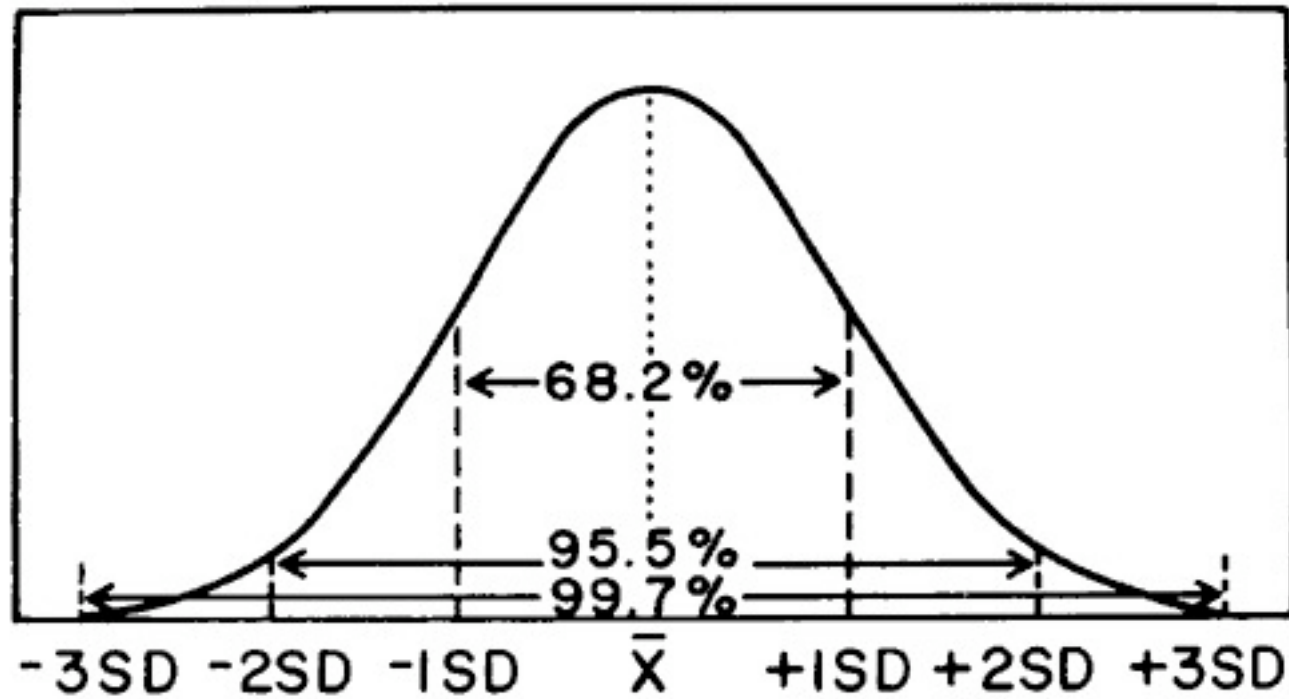
# Measurement

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- nominal scale
- ordinal scale
- interval scales
- ratio scales
- continuous variable
- discrete variable

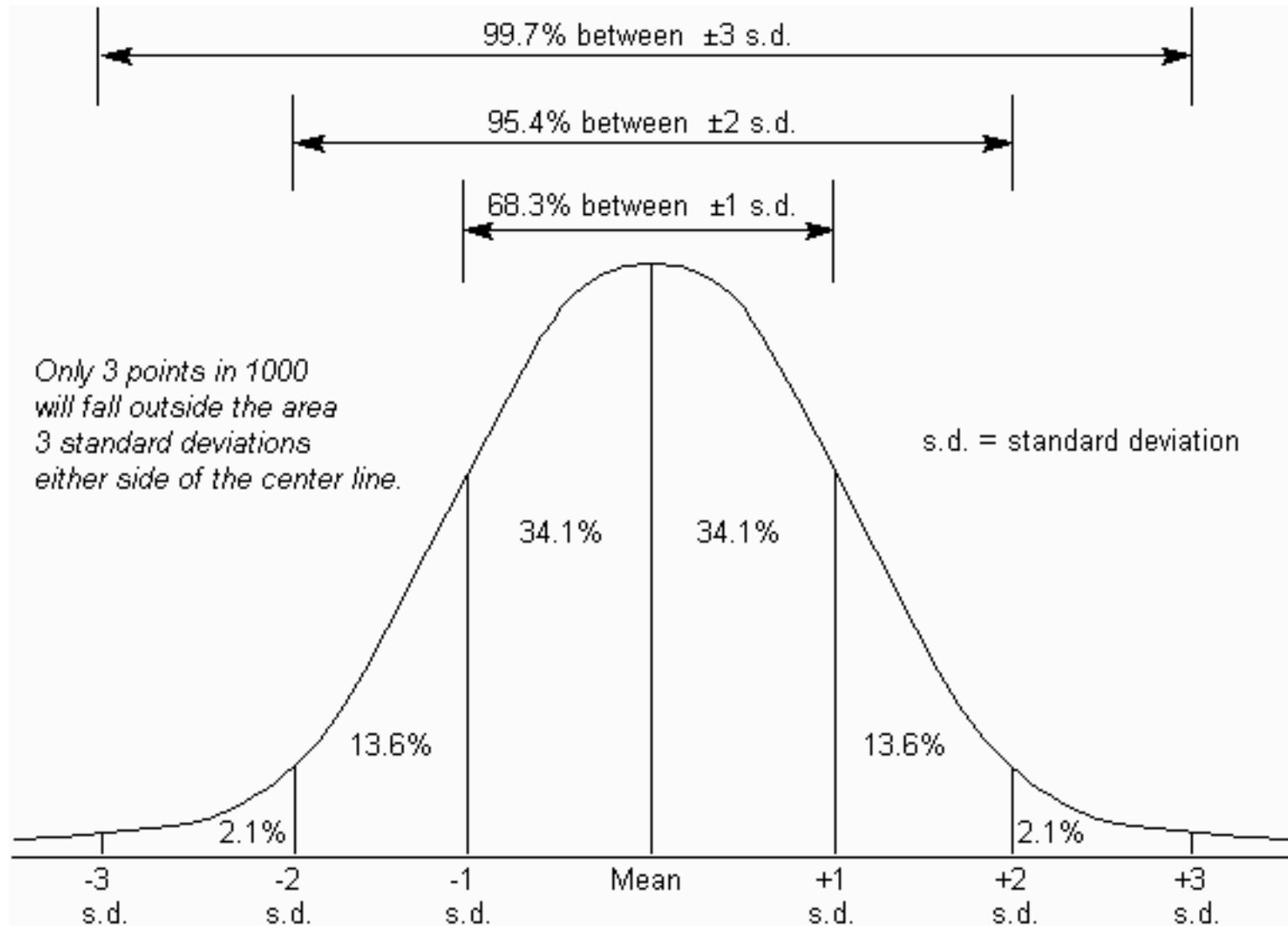
# Parameters

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# Parameters

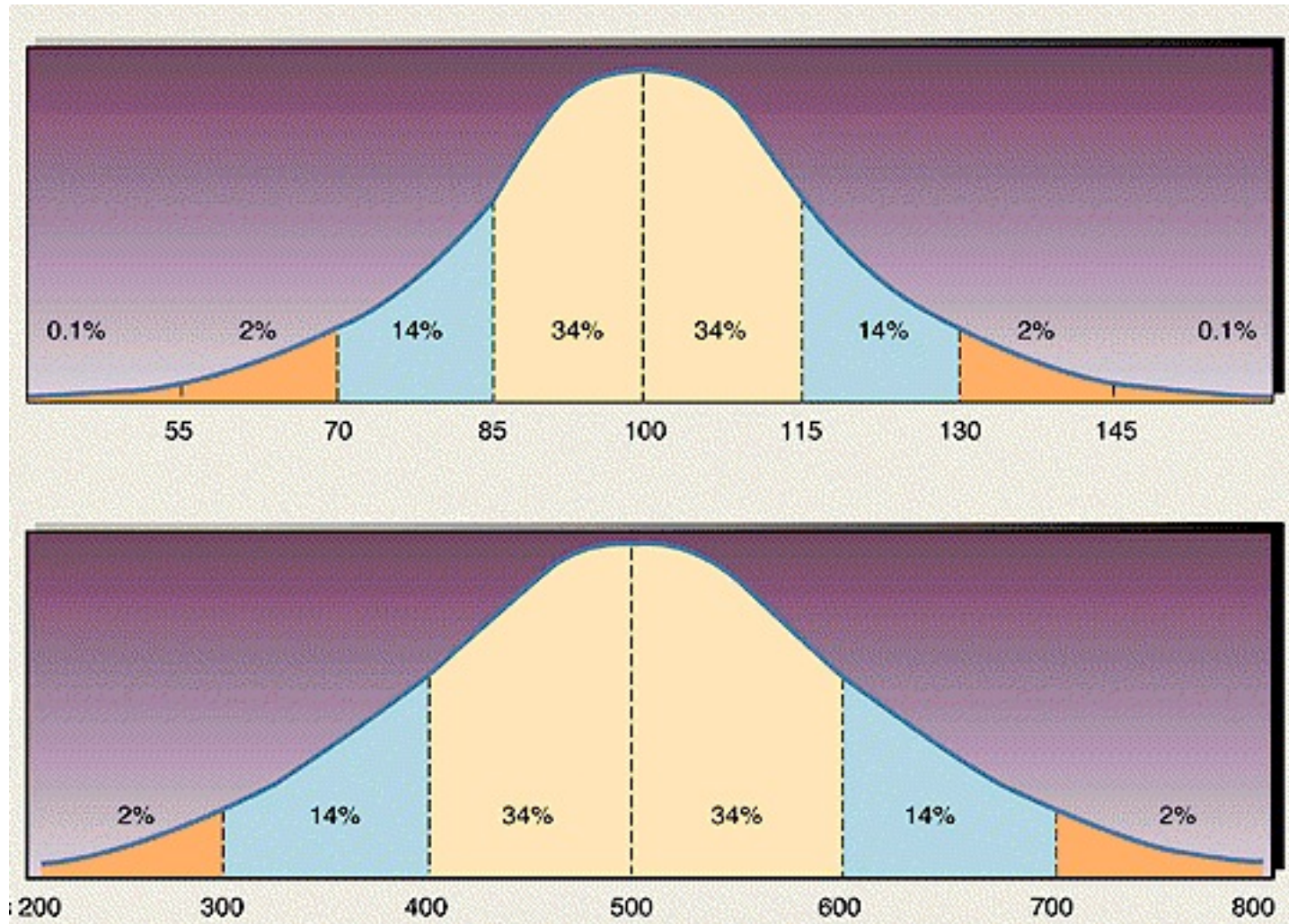
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# Parameters

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# Readings and Assignments

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- Readings
  - Lady Tasting Tea Chapters 1 & 2
- Assignments
  - Re-do data gathering assignment.

