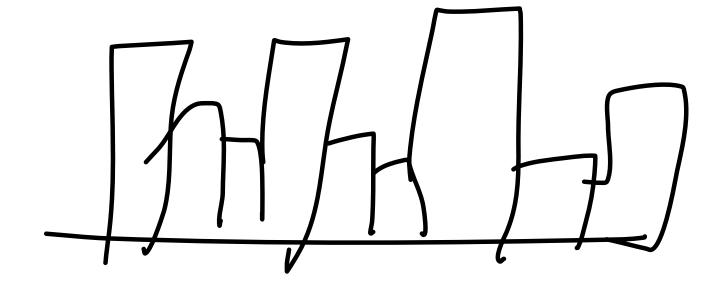
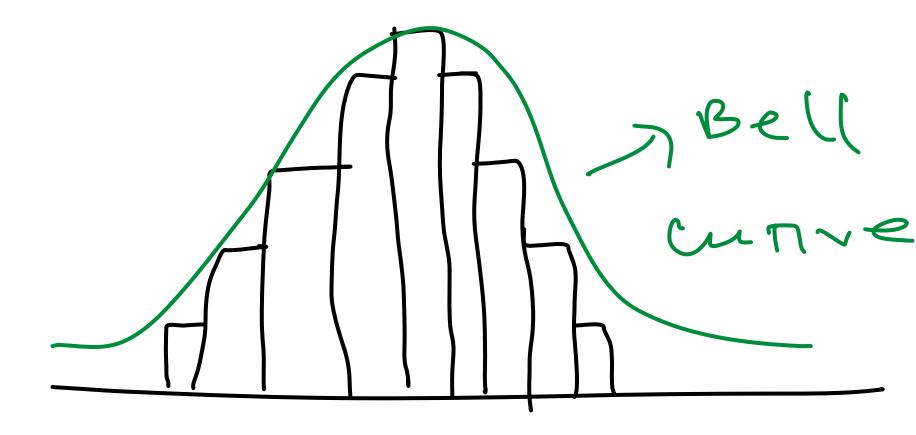
Saturday, May 20, 2023 9:29 P

Wormal Distribution Spread out



Jundled out



- height - blood pressure

- mankes - Hest

Saturday, May 20, 2023 9:47 PN

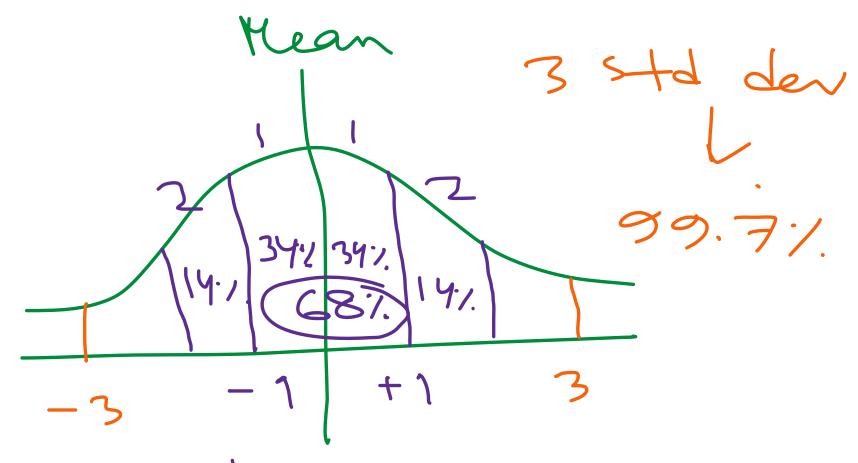
Mean = Median = Mode

Symmetry

Saturday, May 20, 2023 9:48 PM

7+1 Modin [, 2, 3, 9, 5, 6, 7

Saturday, May 20, 2023 9:49 P



2 std. dev. - + 951. of data

Page 7

Saturday, May 20, 2023 9:53 PM

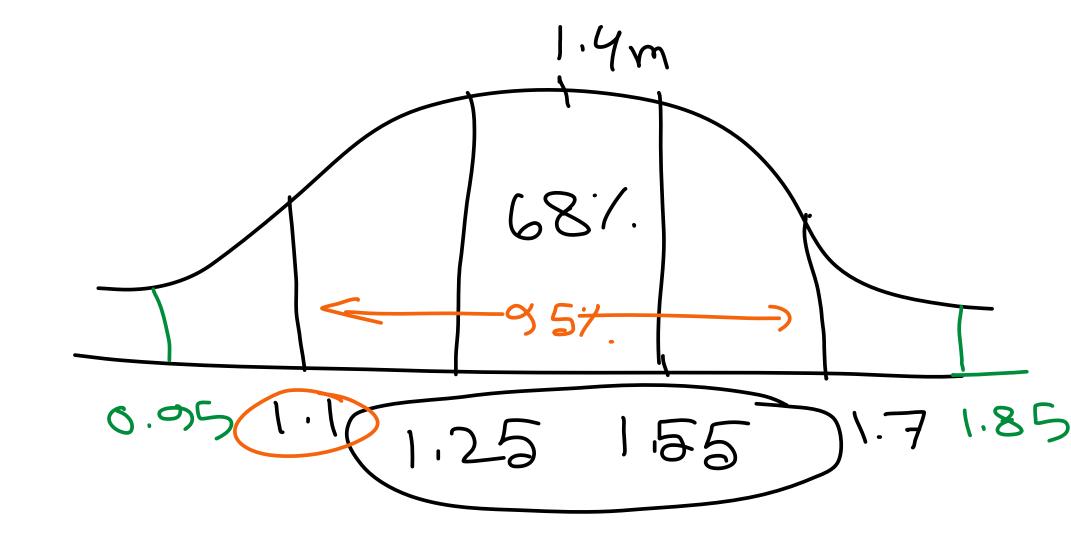
95% of Students -> heightrang

1.1 - 1.7 m

 $\frac{1.7+1.1}{2} = 1.4m$

15+J. dev = $\frac{1.7-1.1}{4} = 0.15 \text{ m}$

Page 8



Saturday, May 20, 2023 9:57 PM

Std dev. +1 -> likely to most students

 $+2 \rightarrow len tildy$ $+3 \rightarrow least likely$

Page 11

Saturday, May 20, 2023 9:58 Pt

= 3.01.85 095

Saturday, May 20, 2023 10:00 PM

Standardization

- Subtract from mean

- divide by Std.

Skeuness

tight.

median > mean

median me

Saturday, May 20, 2023 10:03 P

Hypothesis Testing 200 bilion) population of datas

Saturday, May 20, 2023 10:05 PM

- model pertonnance evaluate - parrameters significance - best of teatures - Statistical validate

Contrelation Mentrix

Truth Alternate Hypothesis Decision A (+

Steps of HT > Criteria
for a decy Ho, Alt -

Test statistics (P-value) Decision

Saturday, May 20, 2023 10:14 PN

Acceptance **-5**1. test > critical value Rejection Reject Ho

Saturday, May 20, 2023 10:20 P

Dinectional Hypothesis 10n-directional C.9. --- F11 Directional

Saturday, May 20, 2023 10:22 PM

Non-directional: T-Reject