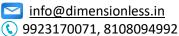
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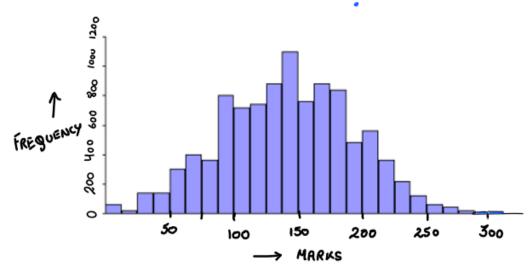




LESSON 5: STANDARDIZING



Which Woold BE THE BEST INDICATOR OF YOUR PERFORMANCE IN CAT (MBA ENTRANCE) EXAM ?



- (a.) I Score) 200 MARKS OUT OF 360
- (b.) My RANK IS 1103.
- (C.) SCORED HIGHER THAN 91 % OF STUDENTS.

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0.39

(a) 0-195

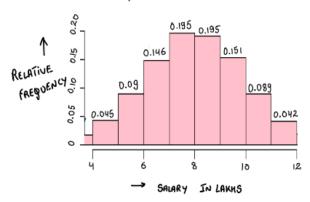
(b.)

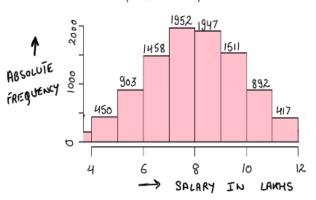
(c) 0.346

(d) WE CAN'T TELL FOR CERTAIN

HISTOGRAM OF SALARY OF COMP. Sc. STUDENTS

HISTOGRAM OF SALARY OF COMP. Sc. STUDENTS

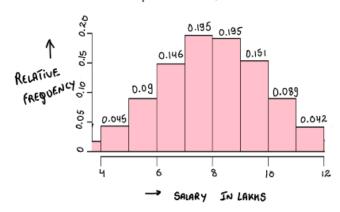




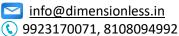
30 WHAT PROPORTION OF STUDENTS EARN BETWEEN 7.5 AND 8.5 LAKHS ?

(a.) WE CAN'T TELL FOR CERTAIN (b.) 0.195 (C) 0.39 (d.)0.25

HISTOGRAM OF SALARY OF COMP. Sc. STUDENTS



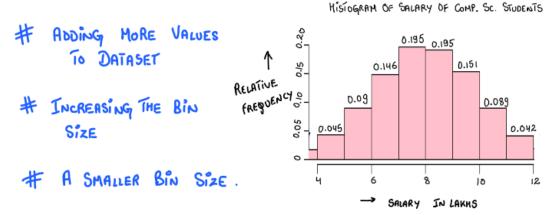
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Qu.

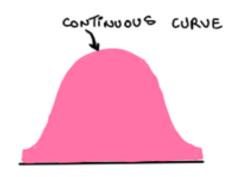
WHAT WOULD BE MORE MELPFUL TO US IF WE HAVE TO FIND THE PROPORTION OF STUDENTS FARNING B/W 7.5 AND 8.5 LAKHS ?



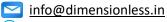
http://www.shodor.org/interactivate/activities/Histogram

95.

WHAT IS THE AREA UNDER THE THEORETICAL CONTINUOUS CURVE?



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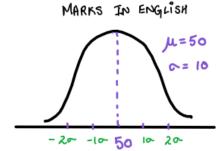


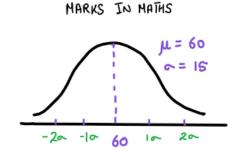
RAM Scored TO MARKS IN ENGLISH AND 75 MARKS IN MATHS. According to You RAM'S PERFORMANCE IS BETTER IN UNICH SUBJECT ?

· ENGLISH · MATHS · CAN'T SAY



HOW MANY S.D.'S IS RAM'S SCORE IN ENGLISH AND MAINS AWAY FROM MEAN?

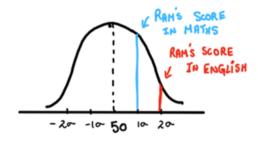




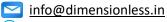


SO, CAN WE NOW SAY THAT RAM'S PERFORMANCE IN MATHS IS BETTER THAN IN ENGLISH ?

- 0 YES
- o No



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WHICH FORHULA WE USED TO FIND THE NO. OF S.P. & OF EACH VALUE (lets call it X) IS AWAY FROM HEAN?

- (a) μ-x (b) x-μ (e) (μ-x) ~
- (c) $(x-\mu) \sim (d) \frac{x-\mu}{\sim}$

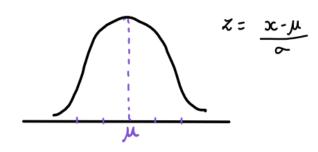


WHAT DOES A NEGATIVE Z- SCORE HEAN?

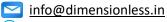
- O THE VALUE OF X IS NEGATIVE
- O THE VALUE OF X IS LESS THAN MEAN
- O THE VALUE OF DC IS LESS THAN O



IF WE STANDARDIZE A DISTRIBUTION BY CONVERTING EVERY VALUE TO A Z SCORE, WHAT WILL BE THE NEW MEAN OF THIS STANDARDIZED DISTRIBUTION?



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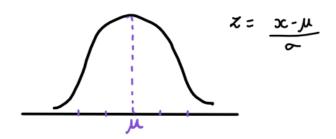


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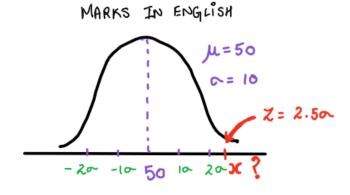
912:

IF WE STANDARDIZE A DISTRIBUTION BY CONVERTING EVERY NAME TO A Z SCORE, WHAT WILL BE THE NEW S.D. OF THIS STANDARDIZED DISTRIBUTION?

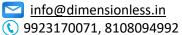




HOW MANY MARKS HAS RAHUL SCORED IN ENGLISH IF HIS SCORE IS 2.5 - ABOVE THE MEAN?



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BIN.

IF RAHUL SCORED 75 MARKS IN ENGLISH; WHAT WOULD BE HIS EQUIVALENT MARKS IN MATHS ?

