

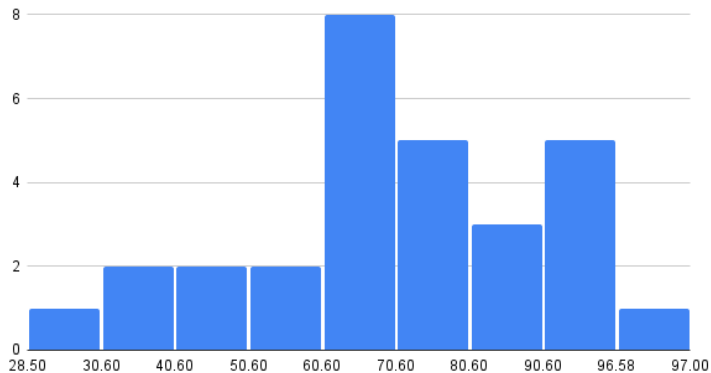
MATH 102: Ideas of Math

Day 15

Oct 17, 2023

Exam Discussion

Histogram



Power set

Definition

Let X be a set. The power set of X , written $\mathcal{P}(X)$ is the set of all subsets of X .
Code:

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\mathcal{P}(X)
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Q: If X has n elements, how many elements does $\mathcal{P}(X)$ have?