A state public health department is working through an outbreak of a novel disease, Flu X. They encourage cities and towns across the state to implement a mask mandate in an attempt to understand and slow the spread of the disease. The department task force lacks the time and resources to check every county in the state, and instead assign every county a number and randomly select 10 counties using a random number generator. A survey is issued to every individual who contracts Flu X after the mandate asking if they adhered to the mandate. They totaled up the disease counts 15 days before the mask mandate and 15 days after for each county, calculated the percentage change in cases, and calculated the proportion of the patients that adhered to the mandate.

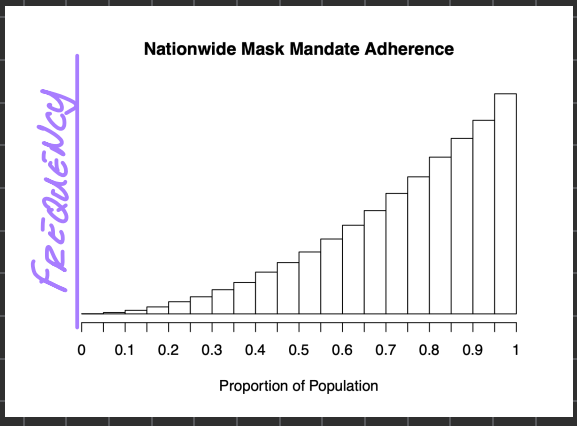
County	Cases (Pre-Mandate)	Cases (Post-Mandate)	% Change	Prop. Adhered
1	198	157	−0.207	0.873
2	232	196	−0.155	0.822
3	136	108	−0.206	0.933
4	210	170	−0.190	0.944
5	234	197	−0.158	0.873
6	913	775	−0.151	0.804
7	82	101	+0.232	0.882
8	249	210	−0.157	0.910
9	120	131	+0.092	0.820
10	227	193	−0.150	0.802

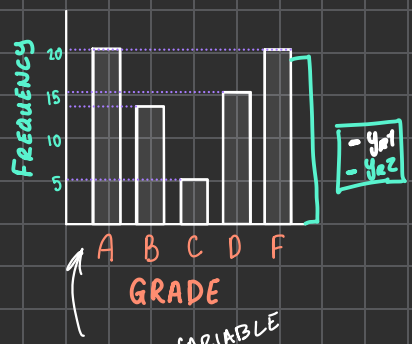
NOMINAL DISCRETE CONT. CONT.

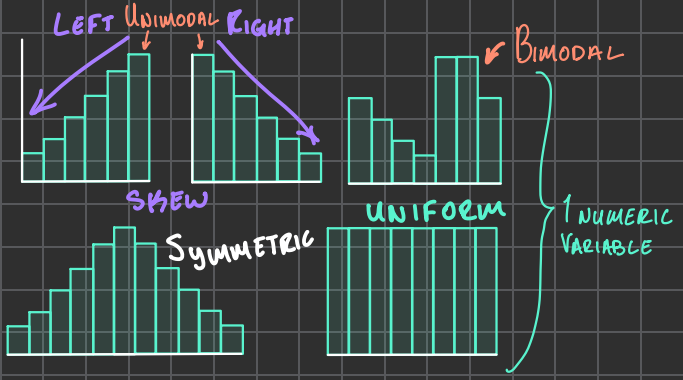
QUANT
NUMERIC
DISCRETE $(0,1,2,\ldots)$
CONTINUOUS $[0,\infty)$
$(-\infty,\infty)$

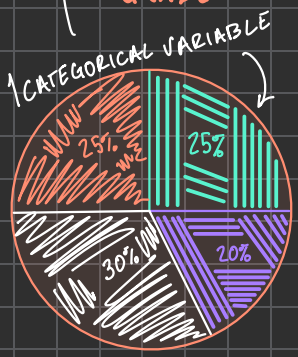
QUAL
CATEGORICAL
ORDINAL - NATURAL ORDER
NOMINAL - NO NAT. ORDER

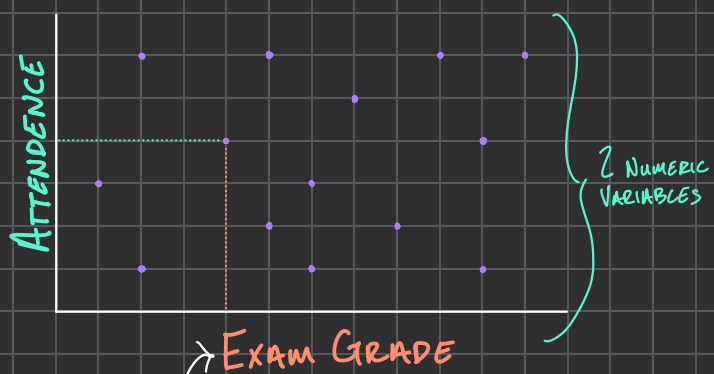
COUNT
DENSITY











WHAT HAPPENS IF WE USE TIME ON THE X-AXIS?

WHAT SHAPE IS THIS DATA?

MEAN	5
MEDIAN	12
MODE	3
MAX	20
MIN	0