## Continuous variables

Monday, October 24, 2016 9:00 AM

$$7EMP = \begin{bmatrix} -100 & ... & 100 \end{bmatrix}$$

$$DISTANCE = \begin{bmatrix} 0 & ... & 100 \end{bmatrix}$$

$$SENSOR = \begin{bmatrix} 0 & ... & 100 \end{bmatrix}$$

continuous variables represent their distributions of Continuous functions

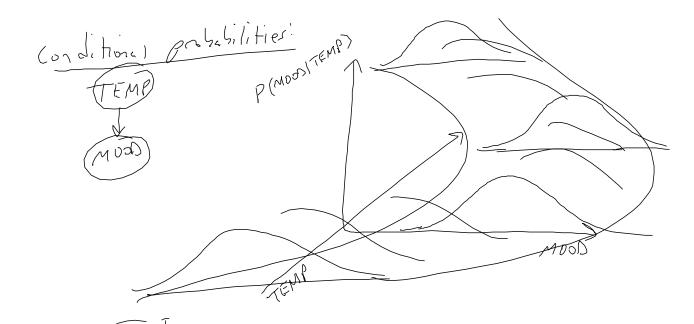
Distribution is a function D(TEMP) = f(TEMP)

20

P(TEMP)

area under curve

Sums to 1



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