



https://tinyurl.com/ds203-2024-q

ML Y = f(X)NKMONN. What is MC 2 Trends.

What do we have? - DATA - (STRUCTURED DATA, "TABLE" Y = (X)

Gerden-1231 2 762 Z,

Levels of Measurement Gender F Red, Green, Police DISCRETE NO ORDER - NOMINAL DIFFERENTIATE - ORDINAL -- DISCRETE _ INTERVAL. ORDER -- . CONTINUOUS Differences 20°C 0°, 10°C Temperature "ZERO" is an artitrary decision. Continuous o zero has an (Height) absolute meaning

LABEL PREPICTOPS ENDEPENDENT FEATURES DEPENDENT / Nominal ordival Interval ordinal Monina(Ratio Int CONTINUOUS DISCRETE "REGRESSION" "CLASSIFICATION

PURCHASING_POWER = f (SB_AMT, AGE, GENDER, LOCATION, QUAL, JOB, FAMILY_SIZE,)

"DISTANCE" > Imp. role in ML.

H'Y' IS KNOWN > SUPERVISED LEARNING -> Classification

If (X)

If (X) Is unknown > UTISUPERVISED -> Classification

LEARNING.

Population -> "Entire set of data points" Sample) -> We can always get Whenever fou have data, it 15" a Sample what do we do with the sample? 1) Use the Sample to Munderstand the topulation 2) Predict the behaviour of the pop.