"Tily data" < I row per observation, I column per data piece I value per cell Graphics Componentsi Franc: Vaniorbles that define oxes and gridlines - Layer: Geometric elements that represent preces deduta ortrends, each different snape > JUFF. larger - Scale: Hestratics (color, shape, 9120, ot gons to whereast careclosica - Facet: Splitting data into subplots to represent groups to derson individually -Theme: Other aesthetics fent, by color, etc. Univariate Viz. - Categorical: Bor chart - Quantitative: Boxplot, Mistocycam, Density Plat Bivariate Viz geom-smooth > trend line, method="In" Colors - Quant x Quant: Scatter plot - Cat. x Quant: Side-by-Side box (Nots, hists, density Moss (or facer-wrapped), Violin plots -Cat x Cat: Mosaic plats (proportion and count) Stacked bor (Proportion and count), Stacked roles tile frequency (proportion), F.11=X Facetod Dar plot side-by-side burs Position = "Judge" Multivariate (3+ variables) Viz - Preganaless of combination, find some way to ambire different scales (color, size, otc.) and facet-wrapping so represent any humber & variables Sparial + Effective Vizi map = bg - (Morophth Maps: goon-Map color > spread of data, can have Prints - Contact map: Geom-Density 228 map dates point -leaflet map: leaflet(data) + addTiles + add Markons "geon's p(11411) + geon point or geom_donoisy, 2d