

LAYOUT Title: Rarrfull patters daysite Water Production Tempertue Rainfall Patterns alongside Water Peningular Halagora 2014-100) Production Temperature and Kunidity Trends in Genin Sula Wallyria (2014-2020) follow: Mashuia Shalceel Line Chart: Seeing patterns out runnity Date: 21-10-2015 shoot: 2 Talle: 5 shoot design. Operations: Intersitaine filter: Year and state drapdown update all three viguals. Color & cheme: different Scatter Plot: Chockins relationship Calon represent different Production cultimortes. State: Selangor V line client is nonnalised 0-1 scale to compare all Variables on the same trend line. Avg. Dally Rainfell Discussion: The Horse chauts together Donut: ghow how climinate clements chedoing which interact not just Indivioally Stations belongs to which Hundin bonds. (Stations ore mong the State) but as a system Donut chant is useful for understanding almosphenic Explaning relationships between rounfall himidity, and water production line chart thelps in understand across Penin sular Malaysia (2014-2010) inverse relationship Scatter plot also helps in omalyzing correlation between ofthis britis across years, and states Don't chart nows propolion of runidity level Design balence: minimal line chart shows yearly climate venishin mapping, consistent logend schueren rainfall and water

Title: Rainfall patterny alongoise water Production Temperature Rainfall partierne alongoide wester Production, Temperature and Humidity, and Humidity Transin lemind Trends in Remingular Maleyria (2014-2020) Malaysia (2014-2020). Author Nouthing Shaked Chloropleth Map 1 1 Date: 21-10-2025 Sheet: 3 Ang. Liety Kniepell (min) Took (: 5 sheet design Rainfall palterns through states and year and OPERATIONS : Checking intensity cond min tent for Internadive drop down School year to update all three Bute vivals simultanoogly. Map grows rounfall using color intensity, darker = wetter Lolli pop chart toggles between munimum and maximum temp veilles for each state · Ber chart - height encodes total wester mobicion by highlighting land and highest checking wester mode chia for each stud Dissussion: Ant The Moree visualisations to gether explain how climate and output litter across space The map offers immediate geospalial ingregnet flus users con compare vainfall easily Focus: · Shaving expalical and quantitodique The Idlipas that significas differences in Renineula Malaysia sual melic temperature comparian climate and water patterns. · Choloropath Hap highlights everage ·Bar client makes analysis of Woulihaline ortput cary. vounfall intervity by state, identifying a Lollipop chant companes minimum · lesign ensure chanity with nininal quistres reacable legends, consistent a figmant. and maximum temperature · Bar chart displays total weater production by State, · Cives os a overview of rainfall temps

Title: Rainfall Patterns alongsid Rainfall Patternes alangide water water Production, Temperature and Humidity Trands in Beningto Maleysia Production, Temperatore and Houstity Trends in Reningular Malaysia Author: Nathria Shakeel Line Area Chart: (Monthly Ray need)
By state and year)
Tohan
Tohan Date: 21-10-2025 Sheet: 4 laste: Data Proposal (5 sheets) OPERATIONS : Interactive dropdawns for year and variable selection (year). Extorer Interaction for all Hami di ty visuals to show values Share by State. Annotation to highlight impondant vo information Should one a indicates voinfall Horizontal Stacked Bar Chart Volume Temperature us Rainfall by State Pie slice repriesent parcentage share of humidity height of staded bar chart shows combined intensity. Discussion :-The combination provides a complete view of Malaysia's seesaal and climatic Indered Value (0-1) Focus : · line - area churt expectionely Focus on showing monthly climate variation and inter-state march ramfall floctration are · Pie chent summarises total humidity - temperature - rainful balonce line-over chart virualises rainfall · Stacked for cleant budges temperature scasonality, shaving met peaks suring rainfall compagion Die chart displays overell hundity The set helps identify regional share by state Climate imbalances, cross variable Stacked bor chart composes temperature vs conmosts - clear legards helps with

LAYOUT

noinfall for all states in one view.

Title: Rainfall patterns LAYOUT Painfall patting alongside water
Production. Temperature and humidity brends Mends in Peninsular Maleysia
(2014-2020).

(2014-2020). Chloropleth Hap

From Sheet 5

Line Area Chart Hollor: Naymia & halceel Date: 21-010-2025 sheet: 5 Table: 5 sheets design m fing from OPERATIONS : Glender Heat Map
New Ideal
in Final languat
Longont Internactive drop dan for Lolipop Chart year State. impartant information Tool tips for values across idians. color intensity for Map and increasing value though celer. From Short 2 Discussion: Map supplies gaggraphic context quickly mais ocut-west and Constact fied to Margoon exposure line area and heat mays captures scasonal and daily rhyphms Overall show how recinfull, temperature, fellipop gives a clear keep of himidity and weater production very by Brate and time and how they relate temperature spread. Bor isolates production capacity Tracked lines link variables are price often revealing Inverse Donut chart is humidity Congosition Pour chart: total state water production relationship line chant: rainfall temperature , humidity Don't symauses composition fatherns Colorder Heatmap: devily painfall prequency, unfried logards, number clother Calender Heatmap: devily nainfall prequency Choropleth Map: expedial pattern of evenage daily rainfale tree : Menthly rainfall sconsonality Shout amorallians: