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**Exploratory Data Analysis (Mandatory Visualisation needed**)

*House Pricing*

* Average House Price in Year 2022 (Boxplot) – For Both Counties
* Average House Price in Year 2022 (Bar Chart) – For Both Counties
* Average House Price From (2020 - 2023) – (Line Chart) – For both counties (Both Line chart should be shown in one single image)

*Broadband Speeds*

* Average Download Speeds in Both Counties (Boxplot)
* Average and Maximum Download Speeds in Both Counties (Bar Chart) – Two Diagram (One for Bristol and another for Cornwall)

*Crime Rate*

* Drug offence rate in both counties towns or districts in the year 2022 ( Box- plot)
* Vehicle Crime Rate per 10000 people in the Specific month of your choice in year 2022– (Radar Chart) check GraphR
* Robbery crime rate per 10000 people in the specific month of your choice in year 2022 – (Pie Chart)
* Drug offense rate per 10000 people in both counties (Line Chart) , should be shown in one single image

*School*

* Average Attainment 8 score in the year 2021-2022 academic year for Both Counties (Boxplot)
* Bristol average attainment 8 score in academic year 2021-2022 (Line Chart) (should display Bristols schools line chart )
* Cornwall average attainment 8 score in academic year 2021-2022 (Line Chart) (should display Cornwall schools line chart )

**Linear Modelling**

*(Summary Statistics of the Linear Model and Linear model graph with Line of Best Fit should be Made and explain the visualisation)*

Variables you should Take

* House prices vs Download Speed
* House price vs Drug Rate (2022)
* Attainment 8 score vs House Price (2022)
* Average Download Speed vs Drug Offense Rate (2022)
* Attainment 8 score vs Drug Offense Rate (2022)
* Average Download Speed vs Attainment 8 score 2022

*To convert the Population2011 csv data to population 2023 make use of following code:*

Population2023= (1.00561255390388033 \* Population2011)