

Exercise 2

1.	What is meant by data visualization?																					
2.	Why is data visualization important?																					
3.	Why do modern businesses need data visualization?																					
4.	How is data visualization used for business decision-making?																					
5.	Write a Python script to create a data frame for the following table: <table><tr><th>Name</th><th>Mobile_Sales</th><th>TV_Sales</th></tr><tr><td>Ahmed</td><td>2540</td><td>2200</td></tr><tr><td>Omar</td><td>1370</td><td>1900</td></tr><tr><td>Ali</td><td>1320</td><td>2150</td></tr><tr><td>Ziad</td><td>2000</td><td>1850</td></tr><tr><td>Salwa</td><td>2100</td><td>1770</td></tr><tr><td>Lila</td><td>2150</td><td>2000</td></tr></table>	Name	Mobile_Sales	TV_Sales	Ahmed	2540	2200	Omar	1370	1900	Ali	1320	2150	Ziad	2000	1850	Salwa	2100	1770	Lila	2150	2000
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6.	For the created data frame in the previous question, do the following: a) Create a bar plot of the sales volume. b) Create a pie chart of item sales. c) Create a box plot of item sales. d) Create an area plot of item sales. e) Create a stacked bar plot of item sales.																					