Tableau Benchmark Task

**ACTIVITY 1 : INSTALLATION TABLEAU**

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| --- | --- | --- |
| Task : 1 | Please sign up tableau account and download the software to desktop | |
| Start Time |  | |
| End Time |  | |
| Confidence Level |  | (1 – 5 ) |

**ACTIVITY 2 : LOAD DATA SOURCE**

|  |  |  |
| --- | --- | --- |
| Task : 3 | Please load the data source given inside Tableau Desktop | |
| Start Time |  | |
| End Time |  | |
| Confidence Level |  | (1 – 5 ) |

**ACTIVITY 3 : UNDERSTANDING THE DATA**

|  |  |  |
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| Task : 4 | Display or show 5 example rows of data | |
| Start Time |  | |
| End Time |  | |
| Confidence Level |  | (1 – 5 ) |

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| Task : 5 | Display Column Names | |
| Start Time |  | |
| End Time |  | |
| Confidence Level |  | (1 – 5 ) |

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| --- | --- | --- |
| Task : 6 | Fill in the data type for each column in table below | |
| Start Time |  | |
| End Time |  | |
| Confidence Level |  | (1 – 5 ) |

|  |  |
| --- | --- |
| Field Name | Type |
| Timestamp | Example : datetime |
| Choose your gender |  |
| Age |  |
| What is your course? |  |
| Your current year of Study |  |
| What is your CGPA? |  |
| Marital Status |  |
| Do you have Depression? |  |
| Do you have Anxiety? |  |
| Do you have Panic Attack? |  |
| Did you seek any specialists for a treatment |  |

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| Task : 7 | Change the column name into simple and short variable name | |
| Start Time |  | |
| End Time |  | |
| Confidence Level |  | (1 – 5 ) |

|  |  |
| --- | --- |
| Field Name | New Column Name |
| Timestamp | Timestamp |
| Choose your gender | Gender |
| Age | Age |
| What is your course? | Course |
| Your current year of Study | YearStudy |
| What is your CGPA? | Cgpa |
| Marital Status | Married |
| Do you have Depression? | Depression |
| Do you have Anxiety? | Anxiety |
| Do you have Panic Attack? | PanicAttack |
| Did you seek any specialists for a treatment | Treatment |

**ACTIVITY 4 : VISUALIZE THE DATA**

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| Task : 8 | *Question 1 - What was the Depression rate?* | |
| Start Time |  | |
| End Time |  | |
| Confidence Level |  | (1 – 5 ) |

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| Task : 9 | *Question 2 - What was the anxiety rate by gender?* | |
| Start Time |  | |
| End Time |  | |
| Confidence Level |  | (1 – 5 ) |

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| Task : 10 | *Question 3 - What was the depression rate by courses* | |
| Start Time |  | |
| End Time |  | |
| Confidence Level |  | (1 – 5 ) |

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| Task : 11 | *Question 4 - What is the distribution of student ages using distribution plot? (Binwidth = 1)* | |
| Start Time |  | |
| End Time |  | |
| Confidence Level |  | (1 – 5 ) |

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| Task : 12 | *Question 5 - What are the Panic Attack rates by age using distribution plot?* | |
| Start Time |  | |
| End Time |  | |
| Confidence Level |  | (1 – 5 ) |

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| Task : 13 | *Question 6 - Use Box plot to display depression rate by age* | |
| Start Time |  | |
| End Time |  | |
| Confidence Level |  | (1 – 5 ) |

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| --- | --- | --- |
| Task : 14 | *Question 7 - Use Bar plot to display depression rate by cgpa* | |
| Start Time |  | |
| End Time |  | |
| Confidence Level |  | (1 – 5 ) |

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| --- | --- | --- |
| Task : 15 | *Question 8 - Use Bar plot to display anxiety rate by cgpa* | |
| Start Time |  | |
| End Time |  | |
| Confidence Level |  | (1 – 5 ) |

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| --- | --- | --- |
| Task : 16 | *Question 9 - Use bar plot to display depression rate by current year study* | |
| Start Time |  | |
| End Time |  | |
| Confidence Level |  | (1 – 5 ) |

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| Task : 17 | *Question 10 - What was the treatment rate by depression rate and gender?*  *Understanding those student who have depression are seeking help for specialist treatment.* | |
| Start Time |  | |
| End Time |  | |
| Confidence Level |  | (1 – 5 ) |

**After finishing the task please click File-> Rename the book with your file name -> Save and email your work to** [**arifjamal89@gmail.com**](mailto:arifjamal89@gmail.com)

Please answer the questionnaire below

|  |  |  |
| --- | --- | --- |
| PSSUQ Survey | https://forms.gle/9ChMDTWcxC49iDoB8 |  |
|  | | |
| Post Test Teaching Module Survey | https://forms.gle/2coMzJzgEqwiDLMT6 |  |