

M04 Assessment: Data Analysis with Power BI - Rubric

Course: Gen10 Data Fundamentals 21-11

Part 1: Napkin Drawing	Meets Expectations 2 points	Not Yet 1 point	No Attempt 0 points	Criterion Score
Audience	Audience needs are reflected.	Some effort to work towards audience needs was made.	Unclear who the audience is.	/ 2
Feedback Usage	Feedback back is utilized or rational for not using feedback is present	Some feedback used, but other aspects that would be helpful ignored	Feedback ignored	/ 2
Questions Answers	All core questions would be answerable by the design if implemented.	Some core questions are answerable by the design if implemented.	Very few of the core questions would be answerable by the design if implemented.	/ 2

Part 2: Power BI Report	Level 2 2 points	Level 1 1 point	New Level 0 points	Criterion Score
Slicer	One working Slicer that is meaningful to the report.	There is a slicer that adds little value to report.	There is no slicer.	/ 2
Groups	One working example of groups that is meaningful to the report.	There is a group that adds little value to report.	There is no group.	/ 2

Part 2: Power BI Report	Level 2 2 points	Level 1 1 point	New Level 0 points	Criterion Score
Bins	One working example of bins that is meaningful to the report.	There is a bin that adds little value to report.	There is no bin.	/ 2
Readability	The Report uses font, color, and spacing to create an easily read experience	Some parts of the report are easy to read, others have difficulty	Most of the report is difficult to read.	/ 2
Usability	Report is easy to work and slicers position make sense.	Report make some things difficult to access but others are clear cut.	Most tasks are difficult to do or missing.	/ 2
Labeling	All graphs have titles, axis labels and Legends	Some graphs have titles, axis labels and legends	Many graphs are missing titles, axis and legends	/ 2

Part 3: Napkin Dashboard for the Public	Level 2 2 points	Level 1 1 point	New Level 0 points	Criterion Score
Audience	Audience needs are reflected.	Some effort to work towards audience needs was made.	Unclear who the audience is.	/ 2
Feedback Usage	Feedback back is utilized, or rational reasons for not using other feedback is present	Some feedback used, but other aspects from feedback that would be helpful ignored.	Feedback completely ignored	/ 2
Full Mockup	Full mockup is readable, and a client would understand what they are getting	Mock up could use some work, or finishing touches.	Mockup needs a lot more work before presenting to a client	/ 2

Part 4: Dashboard	Level 2 2 points	Level 1 1 point	New Level 0 points	Criterion Score
Readability	The Report uses font, color, and spacing to create an easily read experience	Some parts of the report are easy to read, others have difficulty	Most of the report is difficult to read.	/ 2
Usability	Report is easy to work and slicers position make sense.	Report make some things difficult to access but others are clear cut.	Most tasks are difficult to do or missing.	/ 2
Labeling	All graphs have titles, axis labels and Legends	Some graphs have titles, axis labels and legends	Many graphs are missing titles, axis and legends	/ 2
Key Metrics	All core metrics would be answerable by the design if implemented	Some core metrics are answerable by the design if implemented	Very few of the core metrics would be answerable by the design if implemented	/ 2

Part 5: Auto ML	Level 2 2 points	Level 1 1 point	New Level 0 points	Criterion Score
Predictive Analysis	Predictive Analysis was completed, extra columns were ignored from analysis	Predictive Analysis was completed, but no work was completed remove unproductive columns	No predictive analysis included or wrong type of predictive analysis.	/ 2
Accuracy Report	Accuracy Screenshot was included	Accuracy screenshot is present, but wrong or unreadable	Accuracy Screenshot was missing	/ 2

Part 5: Auto ML	Level 2 2 points	Level 1 1 point	New Level 0 points	Criterion Score
Training Details	Training Details were included	Training details were present, but wrong or unreadable	Training Details Screenshot was missing.	/ 2

Part 6: ML Summary	Level 2 2 points	Level 1 1 point	New Level 0 points	Criterion Score
Answers Key Questions	The summary answers all questions including details on how to run predictions.	The report answers some questions posed by assessment	The report answers very few or no questions posed by the predictive analysis	/ 2
Writing	The writing in the summary is clear, and has minor errors	The writing in the summary is mostly clear, and has few errors	The writing hard to follow and has many grammar and spelling errors	/ 2

Total	/ 42
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Overall Score

Level 4 42 points minimum	Level 3 38 points minimum	Level 2 34 points minimum	Level 1 13 points minimum	Level 0 0 points minimum
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