

AKM1 — AKM1

TASK 1: FUNDAMENTAL ANALYTICS

FUNDAMENTALS OF DATA
ANALYTICS — C740
PERFORMANCE ASSESSMENT —
AKM1

SCORE REPORT — ATTEMPT 1

Overall Evaluator Comments

EVALUATOR COMMENTS

The submission presents a thorough analysis of the Seattle Police Precinct data, including the impact of Outliers. All aspects of the work, such as the Dataset Preparation, meet task requirements.

A. Dataset Preparation

Competent A clean dataset with any potential errors or outliers, duplicate records, or data that are not necessary removed. A clean copy of the data is provided.

EVALUATOR COMMENTS: ATTEMPT 1

The submission provides a dataset that has been prepared, including a row that was removed.

B. Data Preparation Explanation

Competent The submission explains why columns or rows were removed or empty fields were imputed and includes justification for the interventions made to the data. A clean copy of the data, that matches the justification, is provided

There are no comments for this aspect.

necessary labels.

There are no comments for this aspect.

D. Data Sheets Observations Summary

Competent The observations summarized are accurate and the relationship between the data sheets and the observations is clear. The summary includes observations from each data sheet created.

EVALUATOR COMMENTS: ATTEMPT 1

The submission summarizes the observations from each pivot table describing the data.

E. Fit

Competent The description of the fit of the linear regression line to the data uses accurate graphical representations or tables as evidence to support the description and relies on the statistical parameters of the model.

There are no comments for this aspect.

F. Outliers

Competent The description accurately uses the linear regression model to address the impact of the outliers on the data and All graphical representations or tables provided as evidence support the description.

EVALUATOR COMMENTS: ATTEMPT 1

The submission clearly describes the removal and impact of the two outliers.

G. Residuals

Competent The submission provides a residual plot and a matching explanation that will improve the linear regression model.

There are no comments for this aspect.

Competent The explanation addresses whether the department currently qualifies for the funding and how the eligibility was determined, while correctly identifying the limitations of the data.

There are no comments for this aspect.

I. Precautions or Behaviors

Competent The submission describes the necessary precautions or behaviors to be exercised when working with and communicating about the sensitive data in the scenario.

There are no comments for this aspect.

J. Sources

Competent The submission includes in-text citations for sources that are properly quoted, paraphrased, or summarized and a reference list that accurately identifies the author, date, title, and source location as available.

There are no comments for this aspect.

K. Professional Communication

Competent Content reflects attention to detail, is organized, and focuses on the main ideas as prescribed in the task or chosen by the candidate. Terminology is pertinent, is used correctly, and effectively conveys the intended meaning. Mechanics, usage, and grammar promote accurate interpretation and understanding.

EVALUATOR COMMENTS: ATTEMPT 1

The submission is logically organized and free from major Professional Communication issues.