

# Excel Validation Report

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## Validation Summary

Total Rows Processed: 8

Valid Rows: 5

Rows with Errors: 3

## Detailed Error List

Row 1:

Column 5 (Answer): "" does not match any option from "SQS with EC2 polling:SNS with EC2 HTTPS:SNS with Lambda:API Gateway with Lambda"

Row 2:

Column 5 (Answer): "" does not match any option from "Log Subscriptions:Metric Filters:Synthetics:Alarms on log groups"

Row 3:

Column 5 (Answer): "" does not match any option from "Mixed instance policy:Only On-Demand instances:EKS Fargate:Pod Disruption Budgets with termination grace:Kubernetes Jobs with restart OnFailure"

# AI Analysis & Recommendations

## **\*\*Validation Error Report\*\***

### **\*\*Summary:\*\***

The validation report indicates that there are 3 error rows out of a total of 8 rows, resulting in a validation error rate of 37.5%. The errors are primarily related to invalid values in Column 5 (Answer).

### **\*\*Most Common Errors:\*\***

\* Invalid values in Column 5 (Answer) that do not match any option from the specified lists.

### **\*\*Recommendations to Fix Each Type of Error:\*\***

1. For Row 1: Ensure that the value in Column 5 (Answer) is one of the options specified in the list, which are "SQS with EC2 polling", "SNS with EC2 HTTPS", "SNS with Lambda", or "API Gateway with Lambda".
2. For Row 2: Verify that the value in Column 5 (Answer) is one of the options specified in the list, which are "Log Subscriptions", "Metric Filters", "Synthetics", or "Alarms on log groups".
3. For Row 3: Confirm that the value in Column 5 (Answer) is one of the options specified in the list, which are "Mixed instance policy", "Only On-Demand instances", "EKS Fargate", "Pod Disruption Budgets with termination grace", or "Kubernetes Jobs with restart OnFailure".

### **\*\*Data Quality Insights:\*\***

- \* The validation errors suggest that there may be a lack of attention to detail or inconsistent data entry practices.
- \* It is essential to ensure that data is accurate and consistent to maintain data quality and integrity.

### **\*\*Step-by-Step Correction Guide:\*\***

1. Identify the error rows by reviewing the validation report.
2. For each error row, review the value in Column 5 (Answer) and verify that it matches one of the options specified in the list.
3. Correct the value in Column 5 (Answer) by selecting the correct option from the list.
4. Repeat the validation process to ensure that all errors have been corrected.

### **\*\*Prevention Tips for Future Uploads:\*\***

1. Implement data validation rules to ensure that data is entered correctly and consistently.
2. Use data validation lists to restrict input values to specific options.
3. Provide clear instructions and training to data entry personnel on data validation and data quality best practices.
4. Regularly review and audit data for errors and inconsistencies to maintain data quality and integrity.

By following these recommendations and prevention tips, you can improve data quality, reduce errors, and ensure that your data is accurate and consistent.