

# 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"

Question "A company wants to build a serverless event-driven application that can efficiently receive and process events. Which of the following architectures

could be the answer?" does not match any option from "Log Subscriptions:Metric Filters:Synthetics:Alarms on log groups"

Question "A pharmaceutical company needs to search for specific patterns in CloudWatch Logs and convert them into metrics. Which CloudWatch feature

should it use as an 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"

Question "A global car company using EKS with Spot Instances faces job termination issues. Which TWO solutions help ensure job reliability?" already exists

# 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 due to incorrect values entered in Column 5 (Answer).

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

The most common error is the absence of a valid value in Column 5 (Answer), which does 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 selected from the list of options "SQS with EC2 polling:SNS with EC2 HTTPS:SNS with Lambda:API Gateway with Lambda".
2. For Row 2: Ensure that the value in Column 5 (Answer) is selected from the list of options "Log Subscriptions:Metric Filters:Synthetics:Alarms on log groups".
3. For Row 3: Ensure that the value in Column 5 (Answer) is selected from the list of options "Mixed instance policy:Only On-Demand instances:EKS Fargate:Pod Disruption Budgets with termination grace:Kubernetes Jobs with restart OnFailure".

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

The validation errors suggest that there may be inconsistencies in the data entry process. It is essential to ensure that data is accurately entered and validated to maintain data quality.

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

1. Review the data entry process to identify the root cause of the errors.
2. Verify the values in Column 5 (Answer) against the specified lists to ensure accuracy.
3. Correct the errors by selecting the correct values from the lists.
4. Validate the data again to ensure that all errors are corrected.

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

1. Implement data validation rules to ensure that data is entered accurately.
2. Use data quality checks to identify errors before uploading data.
3. Provide clear instructions to data entry personnel on the acceptable values for Column 5 (Answer).
4. Consider using data validation lists or dropdown menus to restrict input to the specified options.

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