Excel Validation Report

Generated on: 6/5/2025, 11:20:17 AM

Validation Summary

Total Rows Processed: 50

Valid Rows: 3

Rows with Errors: 47

Detailed Error List

Row 2:

Question "Q2. VPC peering and Transit Gateway - What is the most appropriate approach or solution?" already exists

Row 3:

Question "Q3. EKS networking and IAM roles - What is the most appropriate approach or solution?" already exists

Row 4:

Question "Q4. CloudFormation custom resources - What is the most appropriate approach or solution?" already exists

Row 5:

Question "Q5. Advanced IAM policy simulation - What is the most appropriate approach or solution?" already exists

Row 6:

Question "Q6. S3 performance and consistency models - What is the most appropriate approach or solution?" already exists

Row 7:

Question "Q7. EC2 Spot Fleet and capacity optimization - What is the most appropriate approach or solution?" already exists

Row 8:

Question "Q8. Kinesis scaling and data retention - What is the most appropriate approach or solution?" already exists

Row 9:

Question "Q9. AWS Config advanced use cases - What is the most appropriate approach or solution?" already exists

Row 12:

Question "Q12. Advanced CloudWatch metric math - What is the most appropriate approach or solution?" already exists

Row 13:

Question "Q13. Athena query optimization - What is the most appropriate approach or solution?" already exists

Row 14:

Question "Q14. Glue job orchestration - What is the most appropriate approach or solution?" already exists

Row 15:

Question "Q15. Redshift spectrum and RA3 node architecture - What is the most appropriate approach or solution?" already exists

Row 16:

Question "Q16. DynamoDB DAX and adaptive capacity - What is the most appropriate approach or solution?" already exists

Row 17:

Question "Q17. Elasticsearch/OpenSearch cluster tuning - What is the most appropriate approach or solution?" already exists

Row 18:

Question "Q18. API Gateway custom authorizers - What is the most appropriate approach or solution?" already exists

Row 19:

Question "Q19. Step Functions parallel execution - What is the most appropriate approach or solution?" already exists

Row 20:

Question "Q20. EventBridge schema registry - What is the most appropriate approach or solution?" already exists

Row 21:

Question "Q21. PrivateLink with cross-account access - What is the most appropriate approach or solution?" already exists

Row 22:

Question "Q22. SageMaker distributed training - What is the most appropriate approach or solution?" already exists

Row 23:

Question "Q23. CodePipeline with cross-region deployments - What is the most appropriate approach or solution?" already exists

Row 24:

Question "Q24. ECS with service discovery and App Mesh - What is the most appropriate approach or solution?" already exists

Row 25:

Question "Q25. WAF with custom rules - What is the most appropriate approach or solution?" already exists

Row 26:

Question "Q26. Shield Advanced and DDoS mitigation - What is the most appropriate approach or solution?" already exists

Row 27:

Question "Q27. Direct Connect with failover - What is the most appropriate approach or solution?" already exists

Row 28:

Question "Q28. Global Accelerator vs Route 53 - What is the most appropriate approach or solution?" already exists

Row 29:

Question "Q29. Secrets Manager rotation with Lambda - What is the most appropriate approach or solution?" already exists

Row 30:

Question "Q30. Advanced KMS key policies - What is the most appropriate

approach or solution?" already exists

Row 31:

Question "Q31. CloudHSM and PKCS#11 - What is the most appropriate approach or solution?" already exists

Row 32:

Question "Q32. Multi-account strategy with AWS Organizations - What is the most appropriate approach or solution?" already exists

Row 33:

Question "Q33. Budget alerts and cost anomaly detection - What is the most appropriate approach or solution?" already exists

Row 34:

Question "Q34. Advanced EFS performance modes - What is the most appropriate approach or solution?" already exists

Row 35:

Question "Q35. Auto Scaling with predictive scaling - What is the most appropriate approach or solution?" already exists

Row 36:

Question "Q36. Backup and lifecycle policies - What is the most appropriate approach or solution?" already exists

Row 37:

Question "Q37. FSx performance benchmarking - What is the most appropriate approach or solution?" already exists

Row 38:

Question "Q38. ParallelCluster for HPC - What is the most appropriate approach or solution?" already exists

Row 39:

Question "Q39. Batch job dependency handling - What is the most appropriate approach or solution?" already exists

Row 40:

Question "Q40. CloudFront signed cookies - What is the most appropriate approach or solution?" already exists

Row 41:

Question "Q41. S3 Access Points and multi-VPC access - What is the most appropriate approach or solution?" already exists

Row 42:

Question "Q42. Elastic Beanstalk with custom AMIs - What is the most appropriate approach or solution?" already exists

Row 43:

Question "Q43. OpsWorks and Chef/Puppet integration - What is the most appropriate approach or solution?" already exists

Row 44:

Question "Q44. SSM automation documents - What is the most appropriate approach or solution?" already exists

Row 45:

Question "Q45. Advanced CloudShell and CLI scripting - What is the most appropriate approach or solution?" already exists

Row 46:

Question "Q46. IAM Access Analyzer for resource policies - What is the most appropriate approach or solution?" already exists

Row 47:

Question "Q47. GuardDuty with Macie integration - What is the most

appropriate approach or solution?" already exists

Row 48:

Question "Q48. Security Hub custom insights - What is the most appropriate approach or solution?" already exists

Row 49:

Question "Q49. Trusted Advisor organizational view - What is the most appropriate approach or solution?" already exists

Row 50:

Question "Q50. Well-Architected Tool advanced usage - What is the most appropriate approach or solution?" already exists

AI Analysis & Recommendations

Validation Summary Report

Summary of Most Common Errors:

The most common error type in this dataset is duplicate questions, with 47 out of 50 rows containing identical questions. This suggests that the data is not properly cleaned or validated before upload.

Recommendations to Fix Each Type of Error:

1. **Duplicate Questions:** Review the data to identify the root cause of the duplicates. This could be due to manual errors, data import issues, or incorrect data processing. Implement a data validation process to ensure unique questions are uploaded.
2. **No Errors:** None of the remaining three valid rows contain errors. This suggests that the data is accurate and well-formatted.

Data Quality Insights:

* The dataset contains a high number of errors, indicating a lack of data quality control measures.
* The errors are primarily due to duplicate questions, which can be easily identified and corrected.
* The dataset lacks a clear data validation process, leading to errors and inconsistencies.

Step-by-Step Correction Guide:

1. Review the data to identify duplicate questions.
2. Implement a data validation process to ensure unique questions are uploaded.
3. Correct the duplicate questions by either removing duplicates or merging them into a single question.
4. Verify the corrected data to ensure accuracy and consistency.

Prevention Tips for Future Uploads:

1. Implement a data validation process to check for duplicates and ensure unique questions are uploaded.
2. Use data quality tools and techniques to identify and correct errors before uploading.
3. Regularly review and clean the data to prevent errors and inconsistencies.
4. Consider using data normalization and standardization techniques to ensure consistency across the dataset.
5. Develop a data governance policy to ensure data quality and integrity.

By implementing these recommendations and prevention tips, you can improve the data quality and accuracy of your dataset, reducing errors and inconsistencies.