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General Concepts non Ad-hoc

1. **What does "ADHOC" typically refer to in reporting?**

- A) Standardized reports
- B) Customized, on-demand reports
- C) Annual summaries
- D) Historical data analysis

Answer: B) Customized, on-demand reports

2. **Which of the following best describes the purpose of an ADHOC report?**

- A) To provide periodic updates
- B) To generate predefined insights
- C) To address specific, immediate needs
- D) To archive data

Answer: C) To address specific, immediate needs

3. **How does an ADHOC report differ from a standard report?**

- A) It is pre-defined
- B) It is generated on demand
- C) It is not user-specific
- D) It lacks flexibility

Answer: B) It is generated on demand

4. **Which of the following tools is commonly used for ADHOC reporting?**

- A) Microsoft Excel
- B) Adobe Photoshop
- C) AutoCAD
- D) Web browsers

Answer: A) Microsoft Excel

5. **In what situation would ADHOC reporting be particularly useful?**

- A) Quarterly financial summaries
- B) Daily operations management
- C) Immediate sales analysis
- D) Annual performance reviews

Answer: C) Immediate sales analysis

Data and Analysis

6. What is a key consideration when preparing data for an ADHOC report?

- A) Data quality
- B) Report color scheme
- C) File size
- D) Report title

Answer: A) Data quality

7. Which of the following can enhance an ADHOC report's effectiveness?

- A) Complex technical jargon
- B) Detailed data visualization
- C) Unstructured data
- D) Extensive historical data

Answer: B) Detailed data visualization

8. What should be done if data is missing in an ADHOC report?

- A) Ignore it
- B) Replace it with assumptions
- C) Flag it and explain in the report
- D) Remove the report

Answer: C) Flag it and explain in the report

9. What is data aggregation in the context of ADHOC reporting?

- A) Storing raw data
- B) Summarizing data for analysis
- C) Encrypting data
- D) Archiving data

Answer: B) Summarizing data for analysis

10. Which of the following is a common challenge in ADHOC reporting?

- A) Data redundancy
- B) Standardized formats
- C) Data freshness
- D) Report automation

Answer: C) Data freshness

Technical Aspects

11. Which language is commonly used to query databases for ADHOC reports?

- A) HTML
- B) SQL
- C) CSS
- D) JavaScript

Answer: B) SQL

12. What is the main advantage of ad-hoc queries over predefined queries?

- A) They are less complex
- B) They can be customized on the fly
- C) They require less data
- D) They are faster

Answer: B) They can be customized on the fly

13. Which of the following is a common data source for ADHOC reports?

- A) Web pages
- B) Data warehouses
- C) Image files
- D) Social media

Answer: B) Data warehouses

14. How does data warehousing benefit ADHOC reporting?

- A) By limiting data access
- B) By centralizing and organizing data
- C) By automating report creation
- D) By archiving old data

Answer: B) By centralizing and organizing data

15. Which tool is often used for business intelligence and ADHOC reporting?

- A) Google Chrome
- B) Power BI
- C) Adobe Illustrator
- D) Final Cut Pro

Answer: B) Power BI

Design and User Experience

16. What is an important consideration when designing ADHOC reports?

- A) Use of high-resolution images
- B) Complexity of the data
- C) User-friendliness

- D) Length of the report

Answer: C) User-friendliness

17. How can interactive elements benefit ADHOC reports?

- A) They make reports longer
- B) They help users explore data dynamically
- C) They reduce report accuracy
- D) They limit user access

Answer: B) They help users explore data dynamically

18. What should be considered when designing reports for different user roles?

- A) User preferences
- B) Data security needs
- C) Report length
- D) Report aesthetics

Answer: B) Data security needs

19. How does layout affect ADHOC report usability?

- A) It affects the report's length
- B) It determines the color scheme
- C) It influences readability and ease of use
- D) It determines the font size

Answer: C) It influences readability and ease of use

20. What is the purpose of using filters in ADHOC reports?

- A) To increase data volume
- B) To focus on specific data subsets
- C) To change report colors
- D) To automate data entry

Answer: B) To focus on specific data subsets

Security and Compliance

21. What is a primary security concern with ADHOC reporting?

- A) Data format
- B) Data privacy and protection
- C) Report style
- D) Report distribution

Answer: B) Data privacy and protection

22. How can sensitive data be protected in ADHOC reports?

- A) By encrypting data
- B) By increasing report size
- C) By using complex file names
- D) By reducing data quantity

Answer: A) By encrypting data

23. What role do data governance policies play in ADHOC reporting?

- A) They define report formats
- B) They ensure data integrity and compliance
- C) They automate report creation
- D) They enhance report design

Answer: B) They ensure data integrity and compliance

24. How can ADHOC reports comply with data protection regulations?

- A) By including more data
- B) By excluding data sources
- C) By following data handling and privacy rules
- D) By simplifying report content

Answer: C) By following data handling and privacy rules

25. What is a challenge of managing access controls in ADHOC reporting?

- A) Increasing report length
- B) Controlling who can view or edit data
- C) Adding more data fields
- D) Enhancing report graphics

Answer: B) Controlling who can view or edit data

Integration and Automation

26. How can ADHOC reporting be integrated with other business systems?

- A) By using manual data entry
- B) By connecting through APIs or data connectors
- C) By exporting data to image files
- D) By limiting data access

Answer: B) By connecting through APIs or data connectors

27. What is a major advantage of automating ADHOC report generation?

- A) Increased manual effort
- B) Reduced accuracy
- C) Time savings and efficiency

- D) Increased report size

Answer: C) Time savings and efficiency

28. In which scenario would automated ADHOC reports provide significant value?

- A) Monthly financial audits
- B) Daily sales tracking
- C) Annual performance reviews
- D) Quarterly market analysis

Answer: B) Daily sales tracking

29. Which technology is commonly used for report automation?

- A) Email clients
- B) Cloud services and scripting tools
- C) Image editors
- D) Web browsers

Answer: B) Cloud services and scripting tools

30. How can report scheduling and distribution be managed in an automated system?

- A) By using manual updates
- B) Through automated workflows and scheduling features
- C) By limiting report access
- D) By increasing report frequency

Answer: B) Through automated workflows and scheduling features

Performance and Optimization

31. What is a common strategy to optimize ADHOC report performance?

- A) Increasing report length
- B) Data indexing and query optimization
- C) Reducing data accuracy
- D) Simplifying report design

Answer: B) Data indexing and query optimization

32. How does query optimization affect ADHOC reporting?

- A) It decreases report accuracy
- B) It improves query performance and speed
- C) It reduces data availability
- D) It simplifies data formats

Answer: B) It improves query performance and speed

33. What is a common performance issue with ADHOC reporting?

- A) Report color scheme
- B) Slow query execution
- C) Data redundancy
- D) Report size

Answer: B) Slow query execution

34. How can indexing improve ADHOC report performance?

- A) By increasing report size
- B) By speeding up data retrieval
- C) By reducing data quality
- D) By simplifying report layout

Answer: B) By speeding up data retrieval

35. What role does caching play in ADHOC reporting performance?

- A) It decreases data security
- B) It improves speed by storing frequently accessed data
- C) It limits data access
- D) It reduces report complexity

Answer: B) It improves speed by storing frequently accessed data

Future Trends

36. Which trend is likely to impact ADHOC reporting in the future?

- A) Decreasing data volumes
- B) Increasing use of artificial intelligence
- C) Reduced data availability
- D) Decreasing report automation

Answer: B) Increasing use of artificial intelligence

37. How might artificial intelligence (AI) enhance ADHOC reporting?

- A) By increasing manual data entry
- B) By automating data insights and predictions
- C) By limiting data access
- D) By reducing report frequency

Answer: B) By automating data insights and predictions

38. What potential does machine learning have for ADHOC reporting?

- A) Reducing data quality
- B) Enhancing predictive analytics and insights
- C) Increasing manual data processing

- D) Simplifying data collection

Answer: B) Enhancing predictive analytics and insights

39. How might cloud computing influence ADHOC reporting?

- A) By limiting data access
- B) By providing scalable and flexible reporting solutions
- C) By reducing data storage
- D) By decreasing report frequency

Answer: B) By providing scalable and flexible reporting solutions

40. What challenge might arise from integrating new technologies into ADHOC reporting?

- A) Increased report length
- B) Complexity of technology integration
- C) Decreased data accuracy
- D) Reduced report customization

Answer: B) Complexity of technology integration

Case Studies and Scenarios

41. Which of the following describes a successful ADHOC reporting project?

- A) A project with no user feedback
- B) A project that effectively addressed immediate business needs
- C) A project with minimal data analysis
- D) A project with limited data sources

Answer: B) A project that effectively addressed immediate business needs

42. What is a common lesson from a failed ADHOC reporting project?

- A) Over-reliance on automated tools
- B) Inadequate data quality and planning
- C) Excessive use of data visualization
- D) Excessive complexity in report design

Answer: B) Inadequate data quality and planning

43. How can the success of an ADHOC reporting initiative be measured?

- A) By the number of data sources used
- B) By user satisfaction and decision-making impact
- C) By report length
- D) By the number of features included

Answer: B) By user satisfaction and decision-making impact

44. **What might be a complex ADHOC reporting scenario?**

- A) Simple sales tracking
- B) Multi-dimensional financial forecasting
- C) Daily operational updates
- D) Quarterly performance summaries

Answer: B) Multi-dimensional financial forecasting

45. **How can user feedback be integrated into ADHOC reporting design?**

- A) By ignoring it
- B) By making iterative improvements based on feedback
- C) By reducing the number of features
- D) By limiting data access

Answer: B) By making iterative improvements based on feedback

Advanced Considerations

46. **What approach can help manage complex data sets in ADHOC reports?**

- A) Limiting data dimensions
- B) Using data cubes or multi-dimensional models
- C) Reducing data sources
- D) Simplifying data structure

Answer: B) Using data cubes or multi-dimensional models

47. **What is a benefit of using real-time data in ADHOC reports?**

- A) Increased report length
- B) More timely and relevant insights
- C) Reduced data accuracy
- D) Limited data scope

Answer: B) More timely and relevant insights

48. **How can you ensure that ADHOC reports remain relevant over time?**

- A) By regularly updating data sources and user requirements
- B) By using static data
- C) By minimizing report changes
- D) By reducing report frequency

Answer: A) By regularly updating data sources and user requirements

49. **What role does customization play in ADHOC reporting?**

- A) It limits user access
- B) It allows for tailored insights and relevance
- C) It reduces data accuracy

- D) It simplifies report design

Answer: B) It allows for tailored insights and relevance

50. What should be a priority when scaling ADHOC reporting solutions?

- A) Reducing data complexity
- B) Ensuring scalability and performance
- C) Limiting user access
- D) Simplifying data sources

Answer: B) Ensuring scalability and performance