

1. Module 2: *2_na_bootcamp_mar2025_Oracle_MySQL_Enterprise_final* – “What is MySQL”
Slide # 5 :

- Major editions of MySQL

2. Module 2: *2_na_bootcamp_mar2025_Oracle_MySQL_Enterprise_final* – “What is MySQL”
Slide # 5 :

- Reason to choose MySQL Enterprise Edition over MySQL Community/Standard Edition

3. Module 2: *2_na_bootcamp_mar2025_Oracle_MySQL_Enterprise_final* – "MySQL Commercial Products" Slide # 6 :

- MySQL features available in the Community Edition but only fully supported in the Enterprise Edition

4. Module 2: *2_na_bootcamp_mar2025_Oracle_MySQL_Enterprise_final* – "MySQL Enterprise Management Tools" Slide # 20 :

- MySQL Enterprise Edition Benefit of using Thread Pool

5. Module 2: *2_na_bootcamp_mar2025_Oracle_MySQL_Enterprise_final* – "MySQL Enterprise Management Tools" Slide # 23 :

- MySQL Enterprise Edition component or plug-in that replaces real values with substitutes

6. Module 2: *2_na_bootcamp_mar2025_Oracle_MySQL_Enterprise_final* – "MySQL Server" Slide # 13 :

- Components that are part of the core MySQL database architecture

7. Module 3: *3_na_bootcamp_mar2025_Oracle_MySQL_Installation_and_Architecture_vsn1* – "MySQL LTS and Innovation Releases" Slide # 6 :

- Characteristics of the MySQL Long-Term Support release model

8. Module 3: *3_na_bootcamp_mar2025_Oracle_MySQL_Installation_and_Architecture_vsn1* – "MySQL by Using a Package Manager on Linux " Slide # 16 :

- After installing MySQL using a package manager on Linux where is the location of the default MySQL database directory (that is, `datadir`) ...it also holds InnoDB log files such as undo and redo logs

9. Module 3: *3_na_bootcamp_mar2025_Oracle_MySQL_Installation_and_Architecture_vsn1* – "MySQL – Installation" Slide # 11 :

- Operating systems supported by MySQL

10 - Module 3: *3_na_bootcamp_mar2025_Oracle_MySQL_Installation_and_Architecture_vsn1* – "Package Manager for MySQL on Linux: Examples" Slide # 14 :

- What are the two ways to install MySQL on a Linux platform?

11. Module 3: *3_na_bootcamp_mar2025_Oracle_MySQL_Installation_and_Architecture_vsn1*
– "Initialize the Data Directory" Slide # 25 :
 - Why using the `--initialize-insecure` option to initialize the data directory insecure ?
12. Module 3: *3_na_bootcamp_mar2025_Oracle_MySQL_Installation_and_Architecture_vsn1*
– "Create Directories Infrastructure" Slide # 23 :
 - List the mandatory MySQL variables
13. Module 4: *4_na_bootcamp_mar2025_Oracle_MySQL_Database_Design_vsn1_final* -
"MySQL Data Types" Slide # 11 :
 - Data type used for a column to store large chunks of binary data such as images and audio files
14. Module 4: *4_na_bootcamp_mar2025_Oracle_MySQL_Database_Design_vsn1_final* -
"MySQL Data Types" Slide # 10 :
 - Data type to use for a column that contains only whole numbers (a number that is not a fraction)
15. Module 4: *4_na_bootcamp_mar2025_Oracle_MySQL_Database_Design_vsn1_final* -
"MySQL Data Types" Slide # 10 :
 - Data type category of `FLOAT` and `DOUBLE`
16. Module 4: *4_na_bootcamp_mar2025_Oracle_MySQL_Database_Design_vsn1_final* -
"MySQL InnoDB: The Default Storage Engine " Slide # 5 :
 - Name the MySQL storage engine that is fully ACID compliant also the default when creating a table
17. Module 4: *4_na_bootcamp_mar2025_Oracle_MySQL_Database_Design_vsn1_final* -
"MySQL Tables: CREATE TABLE Syntax" Slide # 9 :
 - Write create table statement for mylist in sakila database
18. Module 4: *4_na_bootcamp_mar2025_Oracle_MySQL_Database_Design_vsn1_final* -
"MySQL Database Design" Slide # 8 :
 - Another word for "schema" in MySQL
19. Module 4: *4_na_bootcamp_mar2025_Oracle_MySQL_Database_Design_vsn1_final* -
"MySQL InnoDB: Transactions" Slide # 6 :
 - Command used to disable autocommit mode for a single series of statements
20. Module 4: *4_na_bootcamp_mar2025_Oracle_MySQL_Database_Design_vsn1_final* -
"MySQL InnoDB: Transactions" Slide # 6 :
 - Understand global `AUTOCOMMIT = 1` and result after issuing the `ROLLBACK` command

21. Module 4: *4_na_bootcamp_mar2025_Oracle_MySQL_Database_Design_vsn1_final* - "Indexes: Tips" and "Examples" Slide # 13 :
 - MySQL indexes are for what purpose
22. Module 4: *4_na_bootcamp_mar2025_Oracle_MySQL_Database_Design_vsn1_final* - "Examples" Slide # 15 :
 - understand select statement that use or not use index
23. Module 4: *4_na_bootcamp_mar2025_Oracle_MySQL_Database_Design_vsn1_final* - "Joining Tables" Slide # 17 :
 - Join that returns all records from left table and matched records from right table
24. Module 4: *4_na_bootcamp_mar2025_Oracle_MySQL_Database_Design_vsn1_final* - "EXPLAIN" Slide # 19 :
 - MySQL statement keyword used to see information about joined tables order
25. Module 4: *4_na_bootcamp_mar2025_Oracle_MySQL_Database_Design_vsn1_final* - "Joining Tables" Slide # 18 :
 - Know how to write a query to find rows in a table that have no counterparts in another table
26. Module 5: *5_na_bootcamp_mar2025_Oracle_MySQL_Security_vsn1* - "MySQL Privileges" Slide # 26 :
 - Statement used to assign privileges to a MySQL user
27. Module 5: *5_na_bootcamp_mar2025_Oracle_MySQL_Security_vsn1* - "Resetting MySQL Privileges" Slide # 27 :
 - Statement used to start MySQL server without using privilege system
28. Module 5: *5_na_bootcamp_mar2025_Oracle_MySQL_Security_vsn1* - "Dynamic Privileges" Slide # 28 :
 - Privilege category for SYSTEM_USER and FIREWALL_ADMIN
29. Module 5: *5_na_bootcamp_mar2025_Oracle_MySQL_Security_vsn1* - "MySQL User Accounts" Slide # 15 :
 - MySQL user account elements
30. Module 5: *5_na_bootcamp_mar2025_Oracle_MySQL_Security_vsn1* - "User Passwords – Examples" Slide # 17 :
 - Statement to assign password to MySQL user account
31. Module 5: *5_na_bootcamp_mar2025_Oracle_MySQL_Security_vsn1* - "Example Syntax with Graph Result" Slide # 24 :
 - Statement to create one or more roles in MySQL

32. Module 5: *5_na_bootcamp_mar2025_Oracle_MySQL_Security_vsn1* - "MySQL Enterprise Authentication" and "MySQL Enterprise Authentication: Windows" Slide # 20 and #22 :
- MySQL Enterprise Authentication characteristics
33. Module 6: *6_na_bootcamp_mar2025_Oracle_MySQL_Enterprise_Security_Tools* - "MySQL Enterprise Masking and De-Identification" Slide #14 :
- MySQL Enterprise Masking functions?
34. Module 6: *6_na_bootcamp_mar2025_Oracle_MySQL_Enterprise_Security_Tools* - "Transparent Data Encryption (TDE)" Slide #11 :
- Characteristic of Enterprise Transparent Data Encryption
35. Module 6: *6_na_bootcamp_mar2025_Oracle_MySQL_Enterprise_Security_Tools* - "MySQL Enterprise Firewall" Slide #9 :
- How MySQL Enterprise Firewall block SQL Injection attacks
36. Module 6: *6_na_bootcamp_mar2025_Oracle_MySQL_Enterprise_Security_Tools* - "Audit Filtering" Slide #6 :
- MySQL Enterprise Security tool that allows DBAs to track user activities
37. Module 7: *7_na_bootcamp_mar2025_Oracle_MySQL_Database_Backup* - "MySQL Enterprise Backup" Slide #26 :
- Characteristics of MySQL Enterprise Backup download
38. Module 7: *7_na_bootcamp_mar2025_Oracle_MySQL_Database_Backup* - "Full and Differential Backups" Slide #10 :
- Backup method allowing back up of only the data changed since the last FULL backup
39. Module 7: *7_na_bootcamp_mar2025_Oracle_MySQL_Database_Backup* - "Restore Process" Slide #32 :
- MySQL Enterprise Backup keyword for restore
40. Module 7: *7_na_bootcamp_mar2025_Oracle_MySQL_Database_Backup* - "Backup Types: Logical" Slide #6 :
- mysqldump and MySQL Shell backup types
41. Module 7: *7_na_bootcamp_mar2025_Oracle_MySQL_Database_Backup* - "GTID vs. Anonymous Binary Log" Slide #22 :
- Log file used to perform Point-in-time Recovery
42. Module 7: *7_na_bootcamp_mar2025_Oracle_MySQL_Database_Backup* - "Backup Types: Advantages and Disadvantages – Part 2" Slide #18 :
- Choice for decreasing database back up time
43. Module 8: *8_na_bootcamp_mar2025_Oracle_MySQL_Replication* - "MySQL Replication" Slide #4 :

- MySQL replication default
44. Module 8: *8_na_bootcamp_mar2025_Oracle_MySQL_Replication* - "MySQL Replication Use Cases" Slide #5 :
 - Advantages of MySQL replication
45. Module 8: *8_na_bootcamp_mar2025_Oracle_MySQL_Replication* - "Replication Steps – Summary" Slide #6 :
 - Command to connect replica to source and read updated records
46. Module 8: *8_na_bootcamp_mar2025_Oracle_MySQL_Replication* - "MySQL Replication" Slide #4 :
 - Characteristic of MySQL Replication
47. Module 8: *8_na_bootcamp_mar2025_Oracle_MySQL_Replication* - "MySQL Source-Source" Slide #13 :
 - Replication topology that does NOT implement conflict detection or resolution
48. Module 9: *9_na_bootcamp_mar2025_Oracle_MySQL_High_Availability* - "Hardware Configuration" Slide #13 :
 - Minimum and maximum number of MySQL Servers in an InnoDB Cluster
49. Module 9: *9_na_bootcamp_mar2025_Oracle_MySQL_High_Availability* - "InnoDB Cluster" Slide #35 :
 - Function of InnoDB Cluster
50. Module 9: *9_na_bootcamp_mar2025_Oracle_MySQL_High_Availability* - "MySQL Shell for Configuring InnoDB Cluster" Slide #12 :
 - Languages supported by MySQL Shell
51. Module 9: *9_na_bootcamp_mar2025_Oracle_MySQL_High_Availability* - "InnoDB Cluster Components" Slide #11 :
 - Components MySQL InnoDB Cluster use to achieve database high availability
52. Module 9: *9_na_bootcamp_mar2025_Oracle_MySQL_High_Availability* - "MySQL InnoDB ClusterSet" Slide #35 :
 - Way to replicate between two InnoDB Clusters
53. Module 10: *10_na_bootcamp_mar2025_Oracle_MySQL_Monitoring_updated* - "SYS Schema" Slide #10 :
 - Schema with easy-to-understand views that contain information about IO hot spots, locking, and costly SQL statements

54. Module 10: *10_na_bootcamp_mar2025_Oracle_MySQL_Monitoring_updated* - "Performance Schema" Slide #9 :
- Schema that provides runtime statistics to monitor MySQL server execution at a low level
55. Module 10: *10_na_bootcamp_mar2025_Oracle_MySQL_Monitoring_updated* - "Oracle Enterprise Manager for Monitoring MySQL" Slide # 12:
- Monitoring tool included with MySQL Enterprise Edition
56. Module 11: *11_na_bootcamp_mar2025_Oracle_MySQL_HeatWave* - "HeatWave Is Available in Public Clouds" Slide # 10 :
- Public clouds that offer HeatWave
57. Module 11: *11_na_bootcamp_mar2025_Oracle_MySQL_HeatWave* - "HeatWave" Slide # 6 :
- MySQL edition HeatWave is based on
58. Module 11: *11_na_bootcamp_mar2025_Oracle_MySQL_HeatWave* - "HeatWave" Slide # 6 :
- Characteristics of HeatWave
59. Module 11: *11_na_bootcamp_mar2025_Oracle_MySQL_HeatWave* - "Machine Learning-Powered Automation for HeatWave" Slide # 8 :
- MySQL Autopilot features that are helpful during System setup
60. Module 11: *11_na_bootcamp_mar2025_Oracle_MySQL_HeatWave* - "HeatWave" HeatWave" Slide # 6 :
- Actions that can be performed in HeatWave cloud console without any SQL coding