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| Practical 1 | | | Date: 17/01/2025 | |
| a. | Scenario Manager | | | |
| Steps: | | 1. Create a data      1. Go to Data -> ForeCast -> What if Analysis -> Scenario Manager      1. Click on Add      1. After clicking on add this window will open      1. Give name to scenario 2. Specify changing cell 3. Click ok.      1. Specify the value that will change 2. Click ok      1. Now the Scenario will be added in Scenario Manager      1. Select Scenario and Click on Show.      1. It will show changes in Total Cost of Thermometer and GRAND TOTAL when it quantity of Thermometer changes form 5 to 15      1. Now click on Summary in Scenario Manager      1. Here select resulting cell on which how changes in Quantity affected you want to see. 2. Click ok      1. Now it will show summary of all changes that you have made | | |
| b. | | Goal Seek | | |
| Steps: | | 1. Go to Data -> ForeCast -> What if Analysis -> Goal Seek      1. Set cell :- select cell on which you want to achieve goal 2. To value :- the value that you want to achieve 3. By changing cell :- select cell whose value will be changed to achieve the goal 4. Click Ok.      1. After clicking ok. It will give you details.   It will check and tell you whether target goal value is possible or not. | | |
| Practical 2: Import Excel to Excel | | | | Date: |
| Steps: | | 1.Create a new project by selecting integration services and integration services project    2.Select the data flow panel    3.Select the Source assistance from toolbox and drop on data flow panel. The select the excel and new .    4.Browse the path for Excel file    5.Select the location where you want to save the file and provide file name .    6.Selects the destination and drop on dataflow panel    7.Repeat the step no 3 to 6 for giving path for providing the path for destination file    8.Connect the Source file to destination file    9.Go to Microsoft-excel create 2 excel files. In one file insert some data .     1. Now click on source Assistant in that connection manager select new and provide a path of excel file which have some data.     11.Select the name of excel sheet and click on ok    12.Now click on destination assistant and click on new and give the file destination which is empty    13. Select the name of sheet and click on okay    14. Select the mapping and map the required column of source file to destination file    15. Select the project name and right click and select the properties    16.In configuration properties select the debugging and make Run64BitRuntime false    17.Run the project and see the destination excel file whether it executed or not . | | |

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| Practical 3 Import Oldb to excel | | Date: |
| Steps: | 1. Create a new integration services project .    2.Open data flow panel and drag and drop the source assistance and select the SQL server and new .    3.Provide the server name and database name    4.Drag and drop the Destination assistance and select the excel and give the path of excel file    5.Connect the source assistance and destination assistance .    6.Select the source assistance and provide the Database and table view    7.Select Destination assistance and provide excel path and sheet name    8.Map the all database columns columns with excel columns    9.Right click on project name and select properties and make Run64BitRuntime false    10.Run the project and check the output in excel file | |

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| Practical 4 Add Sort transformation | | Date: |
| Steps: | 1.Create a new integration services project .    2.Open data flow panel and drag and drop the source assistance and select the SQL server and new .    3.Provide the server name and database name    4.Drag and drop the Destination assistance and select the excel and give the path of excel file    5.Select the sort from toolbox and connect between the source and destination assistance    6.Select the sort and provide the column name on which we want to sort .    7.Select the source assistance and provide the Database and table view    8.Select Destination assistance and provide excel path and sheet name    9.Map the all database columns columns with excel columns    10.Right click on project name and select properties and make Run64BitRuntime false    11.Run the project and check the output in excel file | |

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| Practical 5: ETL Job Scheduling | | Date: |
| Steps: | Here:  Enable CLR Integration  Passoword: vaze  Retype Password: vaze | |

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| Practical: Deployment | | Date: |
| Steps: | 1.First connect the Sql server management to the device.    2.Go to visual studio.   * Click on new project and select Analysis service * Again select analysis service multidimensional and data mining project.     3.Go to data source and right click on data source and create new    4.Click on next    5.Select the database name and server name    6.Click on inherit.    7.Click on finish.    8.Click on data source view and create new.    9.Select the existing database.    10.Move Available object to included objects.    11.Click on finish    12.Right click on cube and and create a new.      13.Select all options.    14.Do next.    15.Finish.    16.Edit dim product    17.Move the elements from data source view to attribute and attribute to hire    18.Right click on project and go to properties.    19.Go on Deployment    20.Do processing option do not process and server mode deploy all.    21.Go to Build and click on deploy Multidimensionalproject3    22.Deployment successful.    23.Run the project    24.Process succeeded | |
| Practical 5 | Date: 17/01/2025 | |
| a. | Import the data warehouse data in Microsoft Excel and create the Pivot table and Pivot Chart. | |
| Steps: | IMG_256 | |