



Delhi Public School Guwahati

"Under the aegis of the Delhi Public School Society, Delhi"

LESSON PLAN

CYCLE 3: 07th June '21 to 25th June '21

Grade: XII

Subject: Informatics Practices

Name of the Lesson : Revision on Data Handling using Pandas –I
MySQL

Lesson Objectives	
General	Specific
Learners will able to know recap the concept already done	Data Handling using Pandas MySQL

Pre-Requisites Of The Lesson-
<ul style="list-style-type: none"> • Python Arrays • Numpy Arrays • List • Dictionary • Series

Instructional Procedures:

Topics to be Covered	Keywords	Teaching Methodology Used	Software/Hardware Used	Practical Task									
Numpy Series Dataframes Mysql	Slicing, loc,iloc, Functions in MySQL, Create dataframe with different option, append add df, joining, merging vstack,hstack	Explanation, Discussion, Real Life Examples, Computer Lab	Computer Set, Jupyter notebook on google browser	<p>He wants to print the details of "January" month along with the number of passengers, Identify the correct statement:</p> <table border="1"> <thead> <tr> <th></th> <th>Month</th> <th>Passengers</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Jan</td> <td>25</td> </tr> <tr> <td>2</td> <td>Jan</td> <td>35</td> </tr> </tbody> </table> <p>i. df.loc[['Month', 'Passengers']][df['Month']=='Jan'] ii. df[['Month', 'Passengers']][df['Month']=='Jan'] iii. df.iloc[['Month', 'Passengers']][df['Month']=='Jan'] iv. df(['Month', 'Passengers'])(df['Month']=='Jan')</p>		Month	Passengers	0	Jan	25	2	Jan	35
	Month	Passengers											
0	Jan	25											
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Sub Teacher

Class Co-ordinator