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Pandas.
 dere > import pandas as PD
                                          July : 104; Line
    > pd. read-csv(1 1) > reads the data and creaks a dataframe.
   > Pd. head() > retrieves the first 5 records
   → Pd. tail() → retrieves the last 5 records
   -> Pd.info() -> retrieves the information of the dataset | dataframe.
   > Pd. describe() -> Describes the dataframe without including
                     Cakgorical data
    -> Pd. columns -> Retrieves all the column names
    → PdoT → Returns transpose of the data frame
    > pd. sort_ values ('Age') -> Returns all the values in Ascending order
                              for column Age.
    -pd['balance'] = Pd['balance'] +1000 > sums all records of the
                                       column batance with 1000.
* Accessing rows: df[10;13]
@ con Analyze Age >50. > df_new = df[df. Age >50]
    > Remove columns: df.pop('columname')
                  (or) df. drop (columnmame, axis=1)
  > filtering => of[df. Age > 50]
   > filling null values: df['Age']. fill na(10) -> fills null values with 10
   > of [Balance]
   -> Apply Method: If [ Balance ]. apply (np. sqrt)
              4) Applying a function onto a column in adata frame
@ Concating and Merging: Olyner
                          9 RIGHT
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Table 1: Table 2: 10 Fres custid, cust-name cust-id, balary house transie st 3000 hords Satyajit bus otal all 3/25000 (1 1) v22 - 6001 by to 2, hillory 26100091 & tax A est soupister coboodites 4, Shankar the loop is records and what control co cust-id, cust-name, salary all soughton 10000 25000 1000 hillary 3 De commos - Rethéres du Ma commos 69 6 1 2 satyatith of 5 sacquart anotes left Join: The auses of sendor hillary the 2500099 (13pA') sunlay Shanbar oool+['wholod']bq = ['wholod']bx Right Join hillory 10000 25000 Accepting towns: df[10:13] To 2 < 3 A . 4 b] b = wer -> pd. concat: concatenates all the dataframes -> pd. concat([df) df2]) → Merge: merge-df = pd: merge (df1; df2, on = 'c', how = 'inner') works same as a inner Join in SQL Pottoda. Duloc: returns rows and for columns with particular labels. 3 floc: returns rows and for columns at integer locations Example: S= pd. Series (list("abcdef"), index = [49,48,47,0,1,2]) o Apply Method: 3ff Bolomail. apply 6 48 Buss solp: 13 m s printige de ilp: silocto] 10 concasing and Merging: Claris 910