Prospecta theoretical

Answer- CSV stands for comma separated value. In the csv file we store the data and we have certain program which will represent this data in tabular form through excel or other programming language.

1. First I will check all the column and data is correct. Like is there any mismatch in data type. After that I will create pojo classes in my program to store the data and associate with it. Than I will write the code. And tabulate all the necessary operations in my program.
2. Error checking while creating my program is- Csv file name and location must be at correct place. Because without source location that csv file will not traced in our program.
   After that I will check all the column name should be in correct order this is also a reason of causing error.
   Next I will check all the formulas which is used in this file must be correct. There is no syntax error. If any details which is related to some other refrence in that formula we will hold the formula for while to avoiding the error.
   Also we will check all the syntax error.
   One of the most important that our csv file size is not too large. That will create some kind of laziness and it will take time.
   Always check for the input data.
3. As we discussed above that these are error while we performing the data. So we must ensure that our input data that will be written to the CSV file, it's important to validate that input to make sure it doesn't contain any characters or formats that could cause issues with the CSV file.
   it's important to ensure that the data types match the column types specified in the CSV file If a user provides data of a different type than expected it could cause errors or unexpected behavior when reading the CSV file.

   CSV files have a specific format, with comma-separated values and newlines separating rows. If a user provides data in a different format, it could cause issues with the CSV file or prevent it from being read correctly.

   If you're allowing users to create CSV files on a shared system, it's important to ensure that they can't overwrite or delete other users' files, or write to sensitive directories.