

Assignment Pandas

Below given are two tables. Task you need to perform are:

1. Make two data frames for each table
2. Add new column age in Student Master table where student age should be there in (years) with respect to 31st Dec 2021.
3. Make a new data frame from two tables containing all columns of tables Student master and Student result except DOB column.
4. Add a new column " Percentage " data frame and calculate it. Max marks in each subject are 100.
5. Add a 5% bonus percentage to the student whose percentage is more than 65%. Update the Percentage column with new values.
6. Update Student Id, replace the first letter by "X" in place of "A" where the percentage is less than 60%. Other remaining letters of student id must remain the same.

Student Master Table		Student Result Table			
Student Id	DOB	Student Id	Math	Science	History
A001	02-11-2005	A001	56	60	59
A002	23-12-2005	A002	77	58	76
A003	04-08-2005	A003	56	78	66
A004	25-09-2005	A004	68	71	76
A005	06-12-2004	A005	87	69	59
A006	27-02-2005	A006	67	66	49
A007	01-01-2005	A007	85	68	10
A008	30-03-2003	A008	90	41	67
A009	30-12-2004	A009	78	67	66