EXCEL-Evaluation-1

Instructions :

1. Maximum Marks for Excel evaluation 1 is 80

2. Kindly submit Excel file(.xlsx format) only

3. Name the file as “Your_Name_Evaluation1”

4. No Questions will be entertained during the duration of the Evaluation

Questions based on Conditional formatting

Q1.Using conditional formatting give yellow fill with dark yellow text to cells in “Previous_experience” column where “Previous_experience”>80 and red fill with dark red text where “Previous_experience”<50. [2]

Q2. Using conditional formatting fill the cells in “Gender” column with green color where “Gender”=”m” and with orange where “Gender”=”f”. [2]

Q3. Give yellow color fill to Employee_id cells where employee falls under job_category – {3} [2]

Q4. Make necessary calculations and fill orange color highlighted cells. [6]

Q5.Fill the Salary_level and Experience_level columns based on the conditions given the tables.[3]

Question-6 Text functions:

Given Student mail id which is combination of first name,lastname and studentid.So mail id is given as {First_Name-Last_Name.Student_id@mail.com}. [5]

Q7.

Using date functions fill the columns using dates in date column. [5]

Q8

- Given school start date and end date.Now find the net working days of the school.Use holidays table to give holidays and all Sundays are non-working days.
- Given school start date and number of working days to complete the syllabus.Now find when can be the last working date of respective schools.Note that all Sundays and dates in Holidays column are non working days. [5]

Q9.

Y is a function of x and the equation is Y=a*x^3+b*x^2+c*x+d.Plot the X,Y and Find the values of a,b,c [3]

Q10.

Lookup for zone and Total covid cases for the given states using the covid data table.

Make H7 cell a drop down list with list of all state/UT names. As we change the state/UT in H7, respective zone and Total cases should be updated in I7,J7 cells [3]

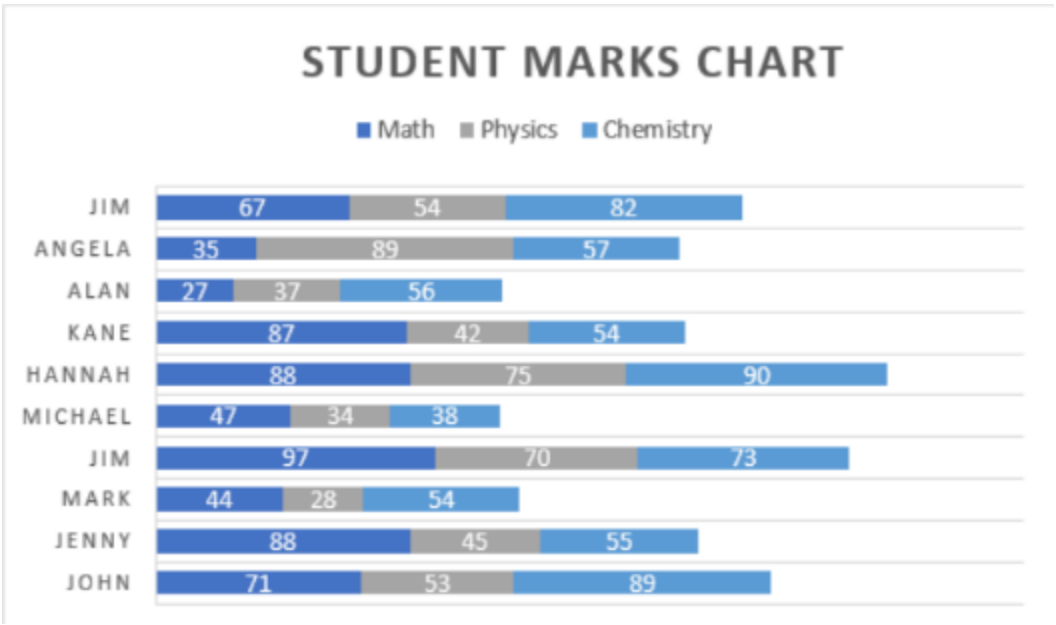
Q11.

Use the given students marks data and get respective subject marks of student(in G7 Cell) in H7:K7

G6 Cell should be a drop down list with a list of all students and as we change student names, their respective marks should be visible in H7:K7 [5]

Note that there are two Jims. You need to write a formula such that it differentiates both the jims

Make a stacked barplot depicting Marks of each student in different subjects [5]

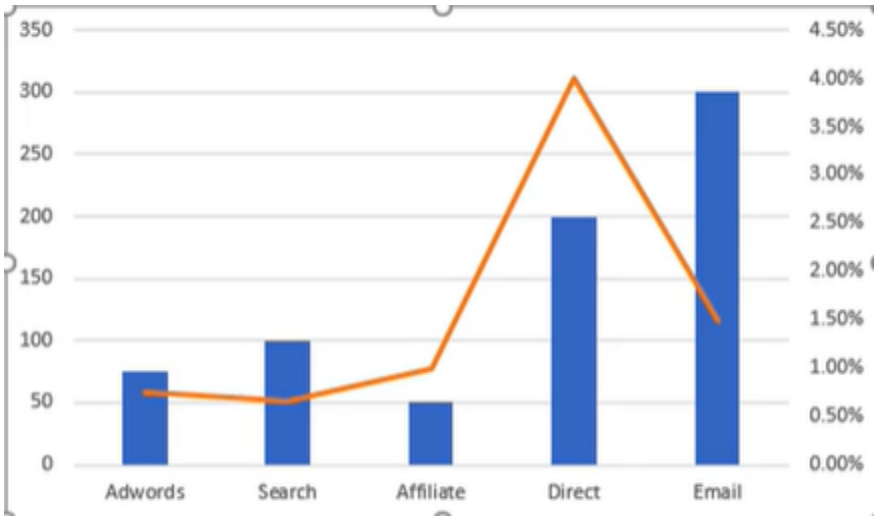


Q12. Get respective Market Capitalisation of each company. [5]

(**Hint:** Use wildcard concept)

Q13. Find conversion rate and revenue in the below table and plot a graph depicting Orders(Barplot) and Conversion Rate(Line plot) for different channels

Note that both the plots should be in the same chart. [7]



Q14. Assuming that the right person for the job is decided only based on relevant experience, Fill F8 cell with name of applicant with experience nearest to required experience [10]

Also insert a scroll bar and link it to Required Experience(E8 cell). As we scroll the scroll bar Required Experience number should change from 0 to 30. [5]

Name	Experience (Years)
John	9.3
Tom	1.7
Arjun	22
Greg	24.3
Martha	17
Xi	13.7
Jenny	2.2
Bob	11.7
Marie	4.5
Amy	12.3
Charlie	17.3
Sam	2.1
Bruce	26.3
Jamie	5.4

Required Experience	Right Person for the Job
10	John

Q15.

Using data validation give following conditions to the employee details

Employee_id: Should be a drop down from employee_id column

Employee_name:Should be a drop down Employee_name column

Contact number:Should be a number with 10 digits

Hobbies: Should be text upto 10-20 characters

Bank_account_number:Should be a number with 12 characters

Email: Should be in email format. Should contain “@” followed by “.”

Give some input message and error message for every detail. [7]