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1 libname grocery '/home/nushrat1.alam/Mycontent';
2
3 proc import datafile='/home/nushrat1.alam/Mycontent/Gro1.xlsx'
4     out = grocery.gro1 dbms=xlsx;
5 run;
6
7 proc contents data = grocery.gro1 varnum;
8 run;
9
10 /*TIME FUNCTION*/
11
12 data grocery.grocery1;
13 set grocery.gro1;
14 LastBought = '20AUG2016'd ;
15 Today = Today();
16 Check1 = intnx('Day','20AUG2016'd, 14);
17 Check2 = intnx('Day','20AUG2016'd, 28);
18 put Check1/Check1 Date9.;
19 put Check2/Check2 Date9.;
20 run;
21
22 data grocery.g1;
23 set grocery.grocery1;
24 if Schedule in ('Biweekly')then CheckOn = Check1;
25 If Schedule in ('Monthly')then CheckOn = Check2;
26 If (Today=>CheckOn) then Buy = 'Y';
27 If (Today < CheckOn) then Buy= 'W';
28 run;
29
30 /*PROC REPORT*/
31 ods graphics on;
32 ods pdf file= '/home/nushrat1.alam/Mycontent/grocery.pdf' notoc;
33
34 option pageno=1 date orientation=landscape;
35 Title 'GROCERY LIST' font= Arial bold height=4;
36 footnote 'Y=Yes W= Wait';
37 proc report data =grocery.g1
38     style (report) = {preimage = '/home/nushrat1.alam/Mycontent/Grocery.jpg'}
39     style (summary) = Header center;
40     columns store category item Amount LastBought Schedule Today CheckOn Buy;
41     define store/order width = 20 style (column) =[font_weight=bold color = Blue];
42     define category/ display width= 250 style (column) =[font_weight=bold color = Black];
43     define item /order width=50;
44     define amount/ format=2.;
45     define LastBought/ format= Date9.;
46     define Schedule/ display width= 25;
47     define Today/ format=Date9.;
48     define CheckOn/ Format=date9.;
49     define Buy /Display Width= 250 style (column) =[font_weight=bold color = LightRed];
50
51 run;
52 footnote;
53 Title;
54 ods pdf close;
55
56
57 /*Traffic Lighting*/
58 proc format;
59     value $Dietvalue
60     'Protein' = 'Yellow'
61     'Carbohydrate' = 'Dark Red'
62     'Fat' = 'light Orange'
63     'Others' = 'Very lightPurple'
64     'Vegetables' = 'Green'
65     'Fruit' = 'Very light Blue';
66 run;
67
68 proc contents data =grocery.g1 varnum;
69 run;
70
71 ods pdf file= '/home/nushrat1.alam/Mycontent/grocery1.pdf' notoc;
72 option pageno=1 orientation= landscape;
73 Title 'GROCERY LIST' font= Arial bold height=4;
74 footnote 'Y=Yes W= Wait';
75 proc report data =grocery.g1
76     style (report) = {preimage = '/home/nushrat1.alam/Mycontent/Grocery.jpg'}
77     style (summary) = Header center ;
78     columns store category item Amount Group LastBought Schedule Today CheckOn Buy;
79     define store/order width = 20 style (column) =[font_weight=bold color = Blue];
80     define category/ display width= 250 style (column) =[font_weight=bold color = Black];

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81 | define item /order width=50;
82 | define amount/ format=2.;
83 | define Group/ style (column) =[font_weight=bold background=$Dietvalue.];
84 | define LastBought/ format= Date9.;
85 | define Schedule/ display width= 25;
86 | define Today/ format=Date9.;
87 | define CheckOn/ Format=date9.;
88 | define Buy /Display Width= 250 style (column) =[font_weight=bold color = VeryLightRed];
89 |
90 | run;
91 | footnote;
92 | Title;
93 |
94 | /*Food Habit Tracking*/
95 | option pageno=2 orientation=landscape;
96 |
97 | Title 'FOOD VALUE TRACKING';
98 | proc gchart data= grocery.g1 (where=(Category='Breakfast' or Category ='Lunch' or Category='Dinner' or Category=
99 |     pie Group / group=Category
100 |         midpoints="Protein" "Carbohydrate" "Fat" "Others" "Vegetables" "Fruit"
101 |         value=none
102 |         percent=arrow
103 |         slice=arrow
104 |         plabel=(font='Albany AMT/bold' h=1.3 color= Darkblue);
105 | title;
106 | run;
107 | quit;
108 | ods pdf close;
```