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Sample Input:

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	CustomerI	Prefix	FirstName	LastName	BirthDate	MaritalSta	Gender	EmailAddr	AnnualInc	TotalChild	Education	Occupatio	HomeOvr
2	11000	MR.	JON	YANG	4/8/1966	M	M	jon24@ad	90000	2	Bachelors	Professor	Y
3	11001	MR.	EUGENE	HUANG	5/14/1965	S	M	eugene10	60000	3	Bachelors	Professor	N
4	11002	MR.	RUBEN	TORRES	8/12/1965	M	M	ruben35@	60000	3	Bachelors	Professor	Y
5	11003	MS.	CHRISTY	ZHU	2/15/1968	S	F	christy12@	70000	0	Bachelors	Professor	N
6	11004	MRS.	ELIZABETH	JOHNSON	8/8/1968	S	F	elizabeth5	80000	5	Bachelors	Professor	Y
7	11005	MR.	JULIO	RUIZ	8/5/1965	S	M	julio1@ad	70000	0	Bachelors	Professor	Y
8	11007	MR.	MARCO	MEHTA	5/9/1964	M	M	marco14@	60000	3	Bachelors	Professor	Y
9	11008	MRS.	ROBIN	VERHOFF	7/7/1964	S	F	rob4@adv	60000	4	Bachelors	Professor	Y
10	11009	MR.	SHANNON	CARLSON	4/1/1964	S	M	shannon3	70000	0	Bachelors	Professor	N
11	11010	MS.	JACQUELYN	SUAREZ	2/6/1964	S	F	jacquelyn	70000	0	Bachelors	Professor	N
12	11011	MR.	CURTIS	LU	11/4/1963	M	M	curtis9@a	60000	4	Bachelors	Professor	Y
13	11012	MRS.	LAUREN	WALKER	1/18/1968	M	F	lauren41@	100000	2	Bachelors	Managem	Y
14	11013	MR.	IAN	JENKINS	8/6/1968	M	M	ian47@ad	100000	2	Bachelors	Managem	Y
15	11014	MRS.	SYDNEY	BENNETT	5/9/1968	S	F	sydney23@	100000	3	Bachelors	Managem	N
16	11015	MS.	CHLOE	YOUNG	2/27/1975	S	F	chloe23@	30000	0	Partial Co	Skilled Ma	N
17	11016	MR.	WYATT	HILL	4/28/1975	M	M	wyatt32@	30000	0	Partial Co	Skilled Ma	Y
18	11017	MRS.	SHANNON	WANG	6/26/1944	S	F	shannon1	20000	4	High Scho	Skilled Ma	Y
19	11018	MR.	CLARENCE	RAI	10/9/1944	S	M	clarence3	30000	2	Partial Co	Clerical	Y
20	11019	MR.	LUKE	LAL	3/7/1978	S	M	luke18@a	40000	0	High Scho	Skilled Ma	N
21	11020	MR.	JORDAN	KING	9/20/1978	S	M	jordan73@	40000	0	High Scho	Skilled Ma	N
22	11021	MS.	DESTINY	WILSON	9/3/1978	S	F	destiny7@	40000	0	Partial Co	Skilled Ma	N
23	11022	MR.	ETHAN	ZHANG	10/12/197	M	M	ethan20@	40000	0	Partial Co	Skilled Ma	Y
24	11023	MR.	SETH	EDWARDS	10/11/197	M	M	seth46@a	40000	0	Partial Co	Skilled Ma	Y
25	11024	MR.	RUSSELL	XIE	9/17/1978	M	M	russell7@	60000	0	Partial Co	Skilled Ma	Y

Expected Workflow Output:

Wb	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	Customer Prefix	First Name	Last Name	Birth Date	Marital Status	Gender	Email/Addr	Annual Inc	Total Child	Education	Occupatio	Home Owner			Male/Female Count		Male Count	Female Count					
2	11000 MR.	YANG	JON	4/8/1966	M	M	jon24@ad	90000	2	Bachelors	Professor	Y	Group 1	1	0		1	0					
3	11001 MR.	EUGENE	HUANG	5/14/1965	M	M	eugene50	60000	3	Bachelors	Professor	N	Group 1	1	0		1	0					
4	11002 MR.	RUBEN	TORRES	8/12/1966	M	M	ruben35@	60000	3	Bachelors	Professor	Y	Group 1	1	0		1	0					
5	11003 MS.	CHRISTY	ZHU	2/15/1965	F	F	christy12@	70000	0	Bachelors	Professor	N	Group 1	0	1		0	1					
6	11004 MRS.	ELIZABETH	JOHNSON	8/8/1968	S	F	elizabeth5	80000	5	Bachelors	Professor	Y	Group 1	0	1		0	1					
7	11005 MR.	JULIO	RUIZ	8/5/1965	S	M	julio1@ad	70000	0	Bachelors	Professor	Y	Group 1	1	0		1	0					
8	11007 MR.	MARCO	MEHTA	5/9/1964	M	M	marco14@	60000	3	Bachelors	Professor	Y	Group 1	1	0		1	0					
9	11008 MRS.	ROBIN	VERHOFF	7/7/1964	S	F	roba@adv	60000	4	Bachelors	Professor	Y	Group 1	0	1		0	1					
10	11009 MR.	SHANNON	CARLSON	4/1/1964	S	M	shannon3	70000	0	Bachelors	Professor	N	Group 1	1	0		1	0					
11	11010 MS.	JACQUELYN	SUAREZ	2/6/1964	S	F	jacquelyni	70000	0	Bachelors	Professor	N	Group 1	0	1		0	1					
12	11011 MR.	CURTIS	LU	11/4/1965	M	M	curtis9@b	60000	4	Bachelors	Professor	Y	Group 1	1	0		1	0					
13	11012 MRS.	LAUREN	WALKER	1/18/1966	M	F	lauren41@	100000	2	Bachelors	Managem	Y	Group 1	1	0		0	1					
14	11013 MR.	JAN	JENKINS	8/6/1968	M	M	jan47@ad	100000	2	Bachelors	Managem	Y	Group 1	1	0		1	0					
15	11014 MRS.	SYDNEY	BENNETT	5/9/1968	S	F	sydney23	100000	3	Bachelors	Managem	N	Group 1	0	1		0	1					
16	11015 MS.	CHLOE	YOUNG	2/27/1975	S	F	chloe23@	30000	0	Partial Co	Skilled Ma	N	Group 2	0	1		0	1					
17	11016 MR.	WYATT	HILL	4/28/1975	M	M	wyatt32@	30000	0	Partial Co	Skilled Ma	Y	Group 2	1	0		1	0					
18	11017 MRS.	SHANNON	WANG	6/26/1945	F	F	shannon1	20000	4	High Scho	Skilled Ma	Y	Group 2	0	1		0	1					
19	11018 MR.	CLAIRENCE	BRAI	10/9/1945	M	M	clarence3	30000	2	Partial Co	Skilled Ma	Y	Group 2	1	0		1	0					
20	11019 MR.	LUKE	LAL	3/7/1978	S	M	luke18@b	40000	0	High Scho	Skilled Ma	N	Group 2	1	0		1	0					
21	11020 MR.	JORDAN	KING	9/20/1975	M	M	jordan73@	40000	0	High Scho	Skilled Ma	N	Group 2	1	0		1	0					
22	11021 MS.	DESTINY	WILSON	9/3/1978	S	F	destiny7@	40000	0	Partial Co	Skilled Ma	N	Group 2	0	1		0	1					
23	11022 MR.	ETHAN	ZHANG	10/12/1970	M	M	ethan20@	40000	0	Partial Co	Skilled Ma	Y	Group 2	1	0		1	0					
24	11023 MR.	SETH	EDWARDS	10/11/1970	M	M	seth46@b	40000	0	Partial Co	Skilled Ma	Y	Group 2	1	0		1	0					
25	11024 MR.	RUSSELL	XIE	9/17/1972	M	M	russell7@	60000	0	Partial Co	Skilled Ma	Y	Group 1	1	0		1	0					
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Workflow Use Case Functionality:

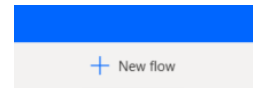
1. PAD performs Segmentation into Groups Based on Annual Income. Group 1 for those who make 50k or more and Group 2 for those who don't. (Refer to Column N).
2. Gender Segmentation: If "Male" Output is 1 else 0. (Refer to Column O). The display box in the "Workflow Prompts" Sections shows the output of the total number of males and females.
3. PAD runs the macro. Output seen in Columns Q and R. which verifies the workflow output.

Steps to Copy paste the Workflow to Power Automate Desktop (PAD).

1.
 - a) Download and save the sample input excel file (customer information.xlsx)
 - b) Open PAD.
 - c) Create and save a new blank workflow.

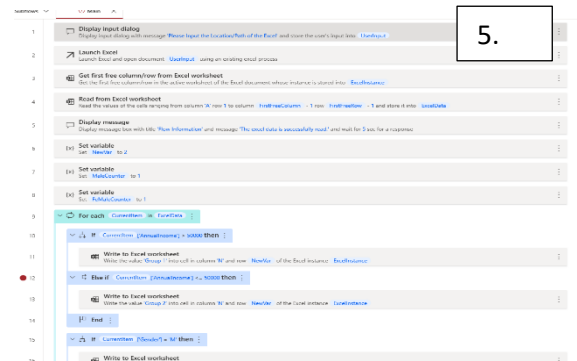


1.b)



1.c)

2. Download and Open the Notepad "Workflow".
3. Press "Cntrl+A" and then "Cntrl+V" to copy all contents on the notepad.
4. Go to the blank PAD workflow.
5. Press "Cntrl+V". The workflow will populate as shown.



5.

6. Click on Save As. Save the workflow and Run.

Inputs Prompted by the Workflow:

1. C:\FolderPath\customerInformation(SampleInputFileName).xlsx
2. C:\FolderPath\WritetoExcelMacro(SampleFileOutputName).xlsx

NOTE: Replace the text in Red and provide the accurate folder path/ location. And filename, if changed.

