

Process Flow

- 1. Read Input File**
- 2. Normalize Column Names**
 - Remove spaces and dots, standardize naming to avoid errors.
- 3. Calculate Document Ageing**
 - Convert Document_Date to Excel serial date format.
 - Calculate Doc_Ageing as the difference between today's date and document date.
- 4. Create Workbook & Summary Sheet**
 - New workbook with default sheet renamed to Summary.
 - Insert title with current date (B2) and add headers with formatting.
 - Summarize total amounts grouped by Company, Account, Document Currency, and Local Currency.
- 5. Create Account-specific Sheets**
 - One sheet per unique account.
 - Include all columns plus Doc_Ageing column.
 - Format headers, apply borders, alignments, and auto-adjust column widths.
 - Add totals row for document and local currency amounts.
- 6. Save Workbook**
 - Generate Final Report.xlsx.
 - Print success message on completion.

Screenshots of Generated sheets

Document Ageing Report as at 04.09.2025						
Company	Account	Document_currency	Amount_in_doc_curr	Local_Currency	Amount_in_local_currency	
UN0100	63010001	USD	-5075015.33	USD	-5075015.33	
UN0100	63010002	USD	10602307.38	USD	10602307.38	
UN0100	63010011	LKR	-87328000	USD	-468975.88	
UN0100	63010012	LKR	104342390.9	USD	560321.42	
UN0100	63010162	USD	1200328.84	USD	1200328.84	
UN0100	63010502	USD	3200350.16	USD	3200350.16	
UN0100	63010512	LKR	-10000000	USD	-53702.81	
UN0100	63020002	LKR	10096056	USD	54218.67	
UN0100	63020022	USD	1843.75	USD	1843.75	
UN0100	63020601	LKR	-5000000	USD	-26851.4	
UN0100	63020602	LKR	1058446.5	USD	5684.16	
UN0150	63010001	USD	-1940771.46	USD	-1940771.46	
UN0150	63010002	USD	4162651.11	USD	4162651.11	
UN0150	63010011	LKR	-776102967.9	USD	-4167890.91	
UN0150	63010012	LKR	750381525.1	USD	4029172.38	
UN0150	63010502	USD	1283177.49	USD	1283177.49	
UN0150	63020001	LKR	-524977.24	USD	-28192.76	
Summary	63010001.0	63010502.0	63010002.0	63010012.0	63010061.0	63010011.0 ...

Figure 1: Final Report Summary Sheet

Company											
Company	Account	Document_Date	Document_Type	Text	Document_currency	Amount_in_doc_curr	Local_Currency	Amount_in_local_currency	Doc_Ageing		
UN0100	63010001	06/01/2020	FZ	06015309EUBS01 CHEURGE WEUVED EUSCENEU GLEUL SURCNG	USD	-100551.3	USD	-100551.3	2068		
XT0150	63010001	06/01/2020	DZ	0601530BCC701 PRCEEDS F PURC	USD	8446.71	USD	8446.71	2068		
XT0150	63010001	06/01/2020	FZ	0601530BCC701 PRCEEDS F PURCHUESE F RECEVEUBLES	USD	-8446.71	USD	-8446.71	2068		
XT0150	63010001	06/01/2020	DZ	0601530BDE801 PRCEEDS F PURC	USD	28815.39	USD	28815.39	2068		
XT0150	63010001	06/01/2020	FZ	0601530BDE801 PRCEEDS F PURCHUESE F RECEVEUBLES	USD	-28815.39	USD	-28815.39	2068		
XT0150	63010001	06/01/2020	DZ	0601530BDE801 PRCEEDS F PURC	USD	5647.24	USD	5647.24	2068		
XT0150	63010001	06/01/2020	FZ	0601530BDE801 PRCEEDS F PURCHUESE F RECEVEUBLES	USD	-5647.24	USD	-5647.24	2068		
XT0150	63010001	06/01/2020	DZ	0601530BDF101 PRCEEDS F PURC	USD	12431.22	USD	12431.22	2068		
XT0150	63010001	06/01/2020	FZ	0601530BDF101 PRCEEDS F PURCHUESE F RECEVEUBLES	USD	-12431.22	USD	-12431.22	2068		
XT0150	63010001	06/01/2020	DZ	0601530BDF201 PRCEEDS F PURC	USD	10380.19	USD	10380.19	2068		
XT0150	63010001	06/01/2020	FZ	0601530BDF201 PRCEEDS F PURCHUESE F RECEVEUBLES	USD	-10380.19	USD	-10380.19	2068		
XT0150	63010001	06/01/2020	DZ	0601530BDF301 PRCEEDS F PURC	USD	8516.85	USD	8516.85	2068		
XT0150	63010001	06/01/2020	FZ	0601530BDF301 PRCEEDS F PURCHUESE F RECEVEUBLES	USD	-8516.85	USD	-8516.85	2068		
XT0150	63010001	06/01/2020	FZ	NNREF STEUNDUNG NSTRUCTN 001 TUNF FRM/T 090 EU/	USD	-507723.04	USD	-507723.04	2068		
UN0100	63010001	06/02/2020	FZ	0052900171147 CHEURGE WEUVED HEUNNEU EUNDERSSN LLC	USD	-202931.18	USD	-202931.18	2037		
XT0150	63010001	06/02/2020	DZ	0297913/ DBN2 /UNFB/18890297913/	USD	2371.5	USD	2371.5	2037		
XT0150	63010001	06/02/2020	FZ	0297913/ DBN2 /UNFB/18890297913//DBN20/B 050/0001 23	USD	-2371.5	USD	-2371.5	2037		
XT0150	63010001	06/02/2020	DZ	154398537 3692018890078426 DBN2	USD	3171.73	USD	3171.73	2037		
XT0150	63010001	06/02/2020	FZ	154398537 3692018890078426 DBN20/B050/0097 SENDER C	USD	-3171.73	USD	-3171.73	2037		
UN0100	63010001	06/03/2020	DZ	EUMEUZN.CM NC TFR+ EUMEUZN THRD PEURTY VENDOR CHEUR	USD	24828.98	USD	24828.98	2008		
UN0100	63010001	06/03/2020	DZ	EUSCENEU GLEUL SURCNG HNG KNG TFR+ CHEURGE WEUVE	USD	100551.3	USD	100551.3	2068		
UN0100	63010001	06/02/2020	FZ	HEUNNEU EUNDERSSN LLC S+P+ CHEURGE WEUVED	USD	202931.18	USD	202931.18	2037		
XT0150	63010001	06/02/2020	FZ	NNREF STEUNDUNG NSTRUCTN 001 TUNF FRM/T 090 EU/	USD	-1672464.08	USD	-1672464.08	2037		
UN0100	63010001	06/03/2020	FZ	154499235 EUMEUZN THRD PEURTY VENDOR SENDER CHEURGES	USD	-24828.98	USD	-24828.98	2008		
UN0100	63010001	06/03/2020	FZ	NNREF STEUNDUNG NSTRUCTN 001 TUNF FRM/T 090 EU/	USD	-22359.69	USD	-22359.69	2008		
UN0100	63010001	06/04/2020	DZ	SUMMERSEULT NC TERA /UNFB/10753531.9077//SUMMERSEULT	USD	15692.92	USD	15692.92	1977		
Summary	63010001.0	63010502.0	63010002.0	63010012.0	63010061.0	63010011.0 ...					

Figure 2: Account Sheet of one user

Company											
Company	Account	Document_Date	Document_Type	Text	Document_currency	Amount_in_doc_curr	Local_Currency	Amount_in_local_currency	Doc_Ageing		
UN0150	63010012	06/01/2020	FZ	210343 CLEEURUNG CHEQUES	LKR	73118.77	USD	386.36	2068		
XT0150	63010012	06/01/2020	FZ	2300044523 2300044523 SERVICE PEUYMENTS PRINT FRM	LKR	287011	USD	1541.33	2068		
XT0150	63010012	06/01/2020	FZ	2300044589 2300044589 SERVICE PEUYMENTS PRINT FRM	LKR	66852	USD	359.01	2068		
XT0150	63010012	06/01/2020	FZ	2300044525 2300044525 SERVICE PEUYMENTS PRINT FRM	LKR	579200	USD	3110.47	2068		
UN0150	63010012	06/02/2020	FZ	210344 CLEEURUNG CHEQUES	LKR	65390.77	USD	345.53	2037		
UN0150	63010012	06/02/2020	FZ	210367 CLEEURUNG CHEQUES	LKR	75050.77	USD	393.53	2037		
UN0150	63010012	06/02/2020	FZ	210389 CLEEURUNG CHEQUES	LKR	600000	USD	3146.14	2037		
UN0150	63010012	06/02/2020	FZ	210390 CLEEURUNG CHEQUES	LKR	200000	USD	1048.71	2037		
UN0100	63010012	06/02/2020	FZ	2600000261 2600000261 PURCHUESE F SERVICES DSV PER	LKR	175951.48	USD	944.91	2037		
UN0100	63010012	06/03/2020	FZ	000339 CLEEURUNG CHEQUES	LKR	9550	USD	50.46	2008		
UN0150	63010012	06/03/2020	FZ	210353 CLEEURUNG CHEQUES	LKR	21000	USD	110.96	2008		
UN0150	63010012	06/03/2020	FZ	210363 CLEEURUNG CHEQUES	LKR	782450.45	USD	4102.83	2008		
UN0150	63010012	06/03/2020	FZ	210364 CLEEURUNG CHEQUES	LKR	1362779.3	USD	7145.82	2008		
XT0150	63010012	06/03/2020	FZ	8900018889 EUUTPEUY UT 032 201889529-B295J	LKR	71310.4	USD	373.92	2008		
XT0150	63010012	06/03/2020	FZ	8900018825 EUUTPEUY UT 033 201889529-B295G	LKR	72202.1	USD	378.6	2008		
XT0150	63010012	06/03/2020	FZ	8900018826 EUUTPEUY UT 034 201889529-B295H	LKR	8492.31	USD	44.53	2008		
XT0150	63010012	06/03/2020	FZ	8900018827 EUUTPEUY UT 035 201889529-B295I	LKR	859.85	USD	4.51	2008		
XT0150	63010012	06/03/2020	FZ	8900018828 EUUTPEUY UT 036 201889529-B295O	LKR	5944.62	USD	31.17	2008		
XT0150	63010012	06/03/2020	FZ	8900018829 EUUTPEUY UT 037 201889529-B295S	LKR	5095.38	USD	26.72	2008		
XT0150	63010012	06/03/2020	FZ	8900018830 EUUTPEUY UT 038 201889529-B295U	LKR	870.46	USD	4.56	2008		
XT0150	63010012	06/03/2020	FZ	8900018832 EUUTPEUY UT 039 201889529-B295N	LKR	963575	USD	5052.57	2008		
XT0150	63010012	06/03/2020	FZ	8900018833 EUUTPEUY UT 040 201889529-B295M	LKR	519975	USD	2726.52	2008		
XT0150	63010012	06/03/2020	FZ	8900018836 EUUTPEUY UT 041 201889601-B106S	LKR	49460.62	USD	265.62	2008		
XT0150	63010012	06/03/2020	FZ	8900018841 EUUTPEUY UT 042 201889602-B206S	LKR	77428.62	USD	415.81	2008		
XT0150	63010012	06/03/2020	FZ	8900018842 EUUTPEUY UT 043 201889602-B206U	LKR	72227.08	USD	387.88	2008		
XT0150	63010012	06/03/2020	FZ	8900018843 EUUTPEUY UT 044 201889602-B206T	LKR	53467.62	USD	287.11	2008		
Summary	63010001.0	63010502.0	63010002.0	63010012.0	63010061.0	63010011.0 ...					

Figure 3: Account sheet of one user