Docling- Table Extraction

1) Simple table:

Table 1: Bioclimatology of South Africa

Climatic zone	Area (%)	Annual rainfall (mm)	Annual evaporation (mm)	Aridity index
Arid	50	<500	>2 500	<0,2
Semi-arid	40	500 - 750	2 500 - 1 500	0,2 - 0,5
Sub-humid	10	>750	< 1 500	>0,5

Source: UNESCO (1977).

Table to MARKDOWN CONVERSION

Climatic zone	Area (%)	Annual rainfall (mm)	Annual evaporation (mm)	Aridity index
Arid	50	<500	>2 500	<0,2
Semi-arid	40	500 - 750	2 500 - 1 500	0,2 - 0,5
Sub-humid	10	>750	< 1 500	>0,5

2) Table in which single name is shared by two columns

a	b	
d	b1	b2
1	11	111
2	22	222
3	33	333

Table to MARKDOWN CONVERSION

0	1	2
a	b	b
d	b1	b2
1	11	111
2	22	222
3	33	333

If two columns share the same name, the content is written to both columns when the table is extracted into Markdown.

Table 2: Annual sector charges in terms of the pricing strategy

Catchment management activity	SECTOR Total registered water use 1 400 × 106 m^3			
	Municipal water use	Industrial water use	Irrigation water use	Forestry water use
Water use (□ 10^6 m^3)	100	145	680	475
Sectoral charge (c/m^3)	0,83	0,83	0,54	0,49

Source: Pretorius (2000).

Catchment management.activity	SECTOR Total registered water use 1 400 × 106 m 3.Municipal water use	SECTOR Total registered water use 1 400 × 106 m 3.Industrial water use	SECTOR Total registered water use 1 400 × 106 m 3.Irrigation water use	SECTOR Total registered water use 1 400 × 106 m 3.Forestry water use
Water use (GLYPH<31> 10 6 m 3)	100	145	680	475
Sectoral charge (c/m 3)	0,83	0,83	0,54	0,49

3) complex table:

Table 8.2 Uranium Overview

	Domestic Concentrate Production[a]	Purchased Imports[b]	Export[b] Sales	Electric Plant Purchases From Domestic Suppliers	Loaded Into U.S. Nuclear Reactors[c]	Inventories			Average Price	
						Domestic Suppliers	Electric Plants	Total	Purchased Imports	Domestic Purchases
	Million Pounds Uranium Oxide								Dollars[d] per Pound Uranium Oxide	
1950	0.92	5.5	0.0	NA	NA	NA	NA	NA	NA	NA
1955	5.56	7.6	.0	NA	NA	NA	NA	NA	NA	NA
1960	35.28	36.0	.0	NA	NA	NA	NA	NA	NA	NA
1965	20.88	8.0	.0	NA	NA	NA	NA	NA	NA	NA
1970	25.81	.0	4.2	NA	NA	NA	NA	NA	– –	NA
1975	23.20	1.4	1.0	NA	NA	NA	NA	NA	NA	NA
1980	43.70	3.6	5.8	NA	NA	NA	NA	NA	NA	NA
1981	38.47	6.6	4.4	32.6	NA	NA	NA	159.2	32.90	34.65
1982	26.87	17.1	6.2	27.1	NA	NA	NA	174.8	27.23	38.37
1983	21.16	8.2	3.3	24.2	NA	NA	NA	191.8	26.16	38.21
1984	14.88	12.5	2.2	22.5	NA	25.0	160.2	185.2	21.86	32.65
1985	11.31	11.7	5.3	21.7	NA	23.7	153.2	176.9	20.08	31.43
1986	13.51	13.5	1.6	18.9	NA	27.0	144.1	171.1	20.07	30.01
1987	12.99	15.1	1.0	20.8	NA	25.4	137.8	163.2	19.14	27.37
1988	13.13	15.8	3.3	17.6	NA	19.3	125.5	144.8	19.03	26.15
1989	13.84	13.1	2.1	18.4	NA	22.2	115.8	138.1	16.75	19.56
1990	8.89	23.7	2.0	20.5	NA	26.4	102.7	129.1	12.55	15.70

Table to MARKDOWN

Inventories

	Domestic.Concentrate Productiona.	Purchased Importsb.	Exportb.Sales.	Electric Plant Purchases From Domestic.Suppliers.	Loaded Into Nuclear Reactorsc..	Inventories Domestic Suppliers.	Inventories Electric Plants.	Inventories Total.	Average Price.Pur Imports.D per Poun Uranium
				Million Pounds Uranium Oxide					
1950	0.92	5.5	0.0	NA	NA	NA	NA	NA	NA
1955	5.56	7.6		NA			NA	NA	NA
1960	35.28	36.0		NA			m	NA	NA
1965	20.88	8.0		NA				NA	NA
1970	25.81		4.2	NA					

Missing of values

1984	14.88	12.5	2.2	22.5		25.0	160.2	185.2	21.86
1985	11.31	11.7	5.3	21.7		23.7	153.2	176.9	20.08
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1987	12.99	15.	1.0	20.8		25.4	137.8	163.2	19.14
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1989	13.84	13.1	2.	18.4	NA	22.2	115.8	138.	16.75
1990	8.89	23.7	2.0	20.5	NA	26.4	102.7	129.	12.55
1991 1992	7.95	16.3 23.3	3.5	26.8	34.6	20.7	98.0	118.7	15.55
1993	5.65 5.66	21.6	2.6 5.6	23.4 15.5	43.6 45	25.2 24.5	82.1 81.2	117.5 105.7	11.54 10.5

Two rows has been combined

4) split table

142	Student42	student42@example.com
143	Student43	student43@example.com
144	Student44	student44@example.com
145	Student45	student45@example.com

146	Student46	student46@example.com
147	Student47	student47@example.com
148	Student48	student48@example.com
149	Student49	student49@example.com
150	Student50	student50@example.com

Table to MARKDOWN

When a table is split across pages and the continuation is missing.

143	Student43	student43@example.com
144	Student44	student44@example.com
145	Student45	student45@example.com

Table 2

146	**Student46**	**student46@example.com**
147	Student47	student47@example.com
148	Student48	student48@example.com

5) Some more Example:

Table 9: Basic precision agriculture equipment costs (VRT equipment excluded)

Equipment	Price	R/year
Computer:		
Hardware	R8 000	R2 387
Software	R12 000	R3 580
Harvesting:		
GPS and data monitor	R40 000	R11 933
Satellite costs (per year)	R13 800	R4 117
Yield monitor	R18 500	R5 519
TOTAL	R92 300	R27 536

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GPS and data monitor	R40 000	R11 933
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Yield monitor	R18 500	R5 519
TOTAL	R92 300	R27 536

Table 8: Gross margin analysis for a traditional, and predicted analysis for precision irrigation production system

Description	Tradi-tional irrigation	Projected precision irrigation results					TOTAL
Zones ha*	43	1,7	2,8	10,5	3,4	24,6	43
Yield (ton/ha)	6,6	3,7	4,7	5,5	6,5	>7	
Gross income from production**							
Value per hectare	R6 600	R3 700	R4 700	R5 500	R6 500	R7 000	
Total value	R283 800	R6 290	R13 160	R57 750	R22 100	R184 500	R283 800
Total allocated cost							
Per hectare	R5 820	R3 608	R3 791	R4 256	R4 639	R4 950	
Total value	R250 290	R6 134	R10 615	R44 693	R15 773	R121 776	R198 991
Per ton	R882	R975	R807	R774	R714	R707	
Gross margin							
Per hectare	R779	R92	R908	R1 243	R1 860	R2 050	
Total value	R33 510	R156	R2 545	R13 057	R6 327	R50 425	R72 510
Per ton	R118	R25	R193	R226	R286	R293	

Table to MARKDOWN

If columns share the same name, the content is duplicated across all columns with that name.

Description	Tradi- tional irrigation	Projected precision irrigation results	Projected precision irrigation results	Projected precision irrigation results	Projected precision irrigation results	Projected precision irrigation results	TOTAL
Zones ha*	43	1,7	2,8	10,5	3,4	24,6	43
Yield (ton/ha)	6,6	3,7	4,7	5,5	6,5	>7	
Gross income from production**	Gross income from production**	Gross income from production**	Gross income from production**	Gross income from production**	Gross income from production**	Gross income from production**	Gross income from production**
Value per hectare	R6 600	R3 700	R4 700	R5 500	R6 500	R7 000	
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Total allocated cost	Total allocated cost	Total allocated cost	Total allocated cost	Total allocated cost	Total allocated cost	Total allocated cost	Total allocated cost
Per hectare	R5 820	R3 608	R3 791	R4 256	R4 639	R4 950	
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Per ton	R882	R975	R807	R774	R714	R707	
Gross margin	Gross margin	Gross margin	Gross margin	Gross margin	Gross margin	Gross margin	Gross margin
Per hectare	R779	R92	R908	R1 243	R1 860	R2 050	

Table_caption

We are able to extract the title of the table, but out of 6 tables, I could retrieve it for only 5. We can also extract the column names of the tables.

Table 1: Source of farm power possessed by the sampled farmers (n=237)

Farm power.a.	Farm power.Mechanical/ Electric	Farm power.	Owned by farmers %.f	Owned by farmers %.
	1.	Tractor	28	11.8
	2.	Diesel engine	14	5.9
	3.	Electric motor	198	83.5
	4.	Any other	14	5.9

Table Caption

Table 2: Tractor drawn/power operated implements possessed by farmers (n=237)

Farm Implements.	Farm Implements.	Owned by farmers.f	Owned by farmers.% of sample	Owned by farmers.% of tractor owners
1	Cultivator	28	11.8	100
2	Trolley	26	10.9	92.8
3	Disc plough	17	7.2	60.7