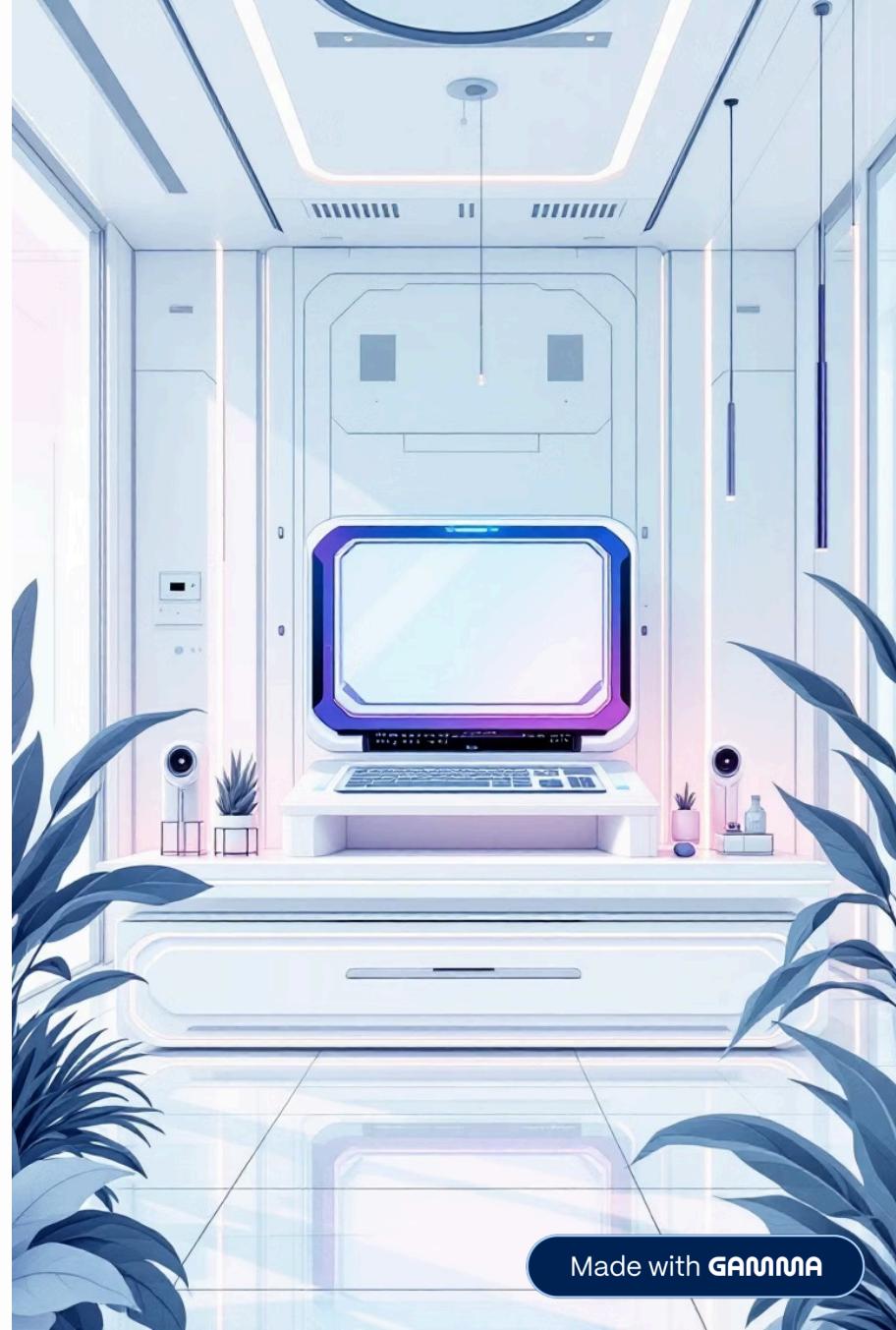


OSWorld CUA SFT - Ubuntu VM Setup & LibreOffice Calc Task

Submitted by: Omachoko Yakubu

November 16, 2025



Introduction: Technical Assessment Overview

This report details the setup of a virtualized environment and execution of specific tasks, demonstrating proficiency in system administration and software usage.

VMware Installation

Setup of the virtualization platform.

Ubuntu OS Installation

Deployment of the Linux operating system.

Environment Configuration

Fixed resolution and verification commands.

LibreOffice Task

Completion of a data management task.

Host Hardware Verification

Ensuring the host system meets minimum specifications is crucial for optimal VM performance.

- 16GB RAM confirmed
- CPU model and virtualization support checked
- Disk availability verified

These steps confirm the host is ready for virtualization.



VMware & Ubuntu Setup



VMware Download & Install

VMware Workstation Player downloaded and successfully installed.



Ubuntu ISO Download

Ubuntu 22.04.5 LTS downloaded from the official site.



VM Creation

Configured with 8GB RAM, 40GB disk, 2 CPU cores, and 3D acceleration.



Ubuntu Installation

Normal installation process, including language, keyboard, timezone, and account setup.

VM Configuration: Display Resolution

1 Resolution

Set to 1920×1080 for optimal clarity.

2 Scaling

Maintained at 100% to prevent UI distortions.

3 Consistency

Crucial for reliable automation scripts and visual validation.



VMware Resolution Locking

Locking the resolution ensures a stable and predictable environment, vital for tasks requiring precise visual consistency or automated scripting.



Autofit Disabled

Prevented automatic resolution changes.



Custom Settings

Enabled specific monitor configurations.



1080p Fixed

Ensured VM maintained 1080p resolution.

System Verification Commands

Executed commands to verify core system components and configurations, ensuring correct setup and functionality.

1

`lsb_release -a`

Confirmed Ubuntu version 22.04.5 LTS.

2

`uname -a`

Identified kernel version for stability checks.

3

`df -h`

Confirmed disk usage and available space.

4

`echo $XDG_SESSION_TYPE`

Checked for Wayland session for display server.

LibreOffice Calc Assessment Task

A data cleaning task was performed using LibreOffice Calc.



Phone numbers				
	B	B	M	F
Shared	Phone	Numer	Conrent	Liman
15		12/25,8500		\$5,85,70
149		5//43,0900		\$1,769,
140		5//4,1000		\$7,565
149		6/3,5,0500		\$1,750
145		8/445,0700		\$1,525
109		17/12,1500		\$2,147
141		8454,1000		\$5,159
111		8/29,1900		\$3,170
304		6125,1000		\$5,677
125		5171,0500		
149		5//64,0000		
150				

	B	C	F	D	F
ite	Abortion	State	Full	Name	Name
la	Satire	Wocha	Mochi	Tellil	Shita
ia	Lamdan	Maighi	Dulla	Joch	Maula
la	Sbauce	Kohan	Accury	Cacen	Mith
za	Picman	Dazy	New	Kella	Twil
a	Corvil	Khmean	Curfl	Desen	Warua
la	Makana	Callt	Bemyin	Canja	Mall
la	Daua	Malk	Sumdsinal	Cherina	Dalll
ta	Land	Wirden	Lutine	Jalia	Mai
la	Honna	Hampapanun	Cainghan	Macana	Miania
la	Calli	Anana	Marna	Uikernal	Beshan

Orders - Cleaned CSV											
III	II	I	COL-000F	FL0W	ZNAC	AD00	COL-000G	LG_C0S1	\$10000	COL-000H	LG_SUM
	Col	Row	Date	Order ID	Customer	Product	Category	Line Item	Unit Price	Quantity	Total
#	1	2	2023-01-01	001	Alice	Smartphone	Electronics	1	\$100	1	\$100
#	2	3	2023-01-02	002	Bob	Laptop	Electronics	1	\$800	1	\$800
#	3	4	2023-01-03	003	Charlie	Smartwatch	Electronics	1	\$200	1	\$200
#	4	5	2023-01-04	004	Diana	Headphones	Electronics	1	\$150	1	\$150
#	5	6	2023-01-05	005	Eve	Smart TV	Electronics	1	\$500	1	\$500
#	6	7	2023-01-06	006	Fiona	Smartphone	Electronics	1	\$1000	1	\$1000
#	7	8	2023-01-07	007	George	Laptop	Electronics	1	\$1200	1	\$1200
#	8	9	2023-01-08	008	Hannah	Smartwatch	Electronics	1	\$180	1	\$180
#	9	10	2023-01-09	009	Ivan	Smartphone	Electronics	1	\$1000	1	\$1000
#	10	11	2023-01-10	010	Jessica	Smart TV	Electronics	1	\$500	1	\$500
#	11	12	2023-01-11	011	Karen	Smartphone	Electronics	1	\$1000	1	\$1000
#	12	13	2023-01-12	012	Liam	Smartwatch	Electronics	1	\$200	1	\$200
#	13	14	2023-01-13	013	Mia	Smartphone	Electronics	1	\$1000	1	\$1000
#	14	15	2023-01-14	014	Noah	Smart TV	Electronics	1	\$500	1	\$500
#	15	16	2023-01-15	015	Olivia	Smartphone	Electronics	1	\$1000	1	\$1000
#	16	17	2023-01-16	016	Peter	Smartwatch	Electronics	1	\$180	1	\$180
#	17	18	2023-01-17	017	Quinn	Smartphone	Electronics	1	\$1000	1	\$1000
#	18	19	2023-01-18	018	Riley	Smart TV	Electronics	1	\$500	1	\$500
#	19	20	2023-01-19	019	Sophia	Smartphone	Electronics	1	\$1000	1	\$1000
#	20	21	2023-01-20	020	Taylor	Smartwatch	Electronics	1	\$200	1	\$200
#	21	22	2023-01-21	021	Ulysses	Smartphone	Electronics	1	\$1000	1	\$1000
#	22	23	2023-01-22	022	Vivian	Smart TV	Electronics	1	\$500	1	\$500
#	23	24	2023-01-23	023	Winston	Smartphone	Electronics	1	\$1000	1	\$1000
#	24	25	2023-01-24	024	Xavier	Smartwatch	Electronics	1	\$180	1	\$180
#	25	26	2023-01-25	025	Yara	Smartphone	Electronics	1	\$1000	1	\$1000
#	26	27	2023-01-26	026	Zoey	Smart TV	Electronics	1	\$500	1	\$500
#	27	28	2023-01-27	027	Alice	Smartphone	Electronics	1	\$1000	1	\$1000
#	28	29	2023-01-28	028	Bob	Laptop	Electronics	1	\$800	1	\$800
#	29	30	2023-01-29	029	Charlie	Smartwatch	Electronics	1	\$200	1	\$200
#	30	31	2023-01-30	030	Diana	Headphones	Electronics	1	\$150	1	\$150
#	31	32	2023-01-31	031	Eve	Smart TV	Electronics	1	\$500	1	\$500
#	32	33	2023-02-01	032	Fiona	Smartphone	Electronics	1	\$1000	1	\$1000
#	33	34	2023-02-02	033	George	Laptop	Electronics	1	\$1200	1	\$1200
#	34	35	2023-02-03	034	Hannah	Smartwatch	Electronics	1	\$180	1	\$180
#	35	36	2023-02-04	035	Ivan	Smartphone	Electronics	1	\$1000	1	\$1000
#	36	37	2023-02-05	036	Jessica	Smart TV	Electronics	1	\$500	1	\$500
#	37	38	2023-02-06	037	Karen	Smartphone	Electronics	1	\$1000	1	\$1000
#	38	39	2023-02-07	038	Liam	Smartwatch	Electronics	1	\$200	1	\$200
#	39	40	2023-02-08	039	Mia	Smartphone	Electronics	1	\$1000	1	\$1000
#	40	41	2023-02-09	040	Noah	Smart TV	Electronics	1	\$500	1	\$500
#	41	42	2023-02-10	041	Olivia	Smartphone	Electronics	1	\$1000	1	\$1000
#	42	43	2023-02-11	042	Peter	Smartwatch	Electronics	1	\$180	1	\$180
#	43	44	2023-02-12	043	Quinn	Smartphone	Electronics	1	\$1000	1	\$1000
#	44	45	2023-02-13	044	Riley	Smart TV	Electronics	1	\$500	1	\$500
#	45	46	2023-02-14	045	Sophia	Smartphone	Electronics	1	\$1000	1	\$1000
#	46	47	2023-02-15	046	Taylor	Smartwatch	Electronics	1	\$200	1	\$200
#	47	48	2023-02-16	047	Ulysses	Smartphone	Electronics	1	\$1000	1	\$1000
#	48	49	2023-02-17	048	Vivian	Smart TV	Electronics	1	\$500	1	\$500
#	49	50	2023-02-18	049	Winston	Smartphone	Electronics	1	\$1000	1	\$1000
#	50	51	2023-02-19	050	Zoey	Smartwatch	Electronics	1	\$180	1	\$180
#	51	52	2023-02-20	051	Alice	Smartphone	Electronics	1	\$1000	1	\$1000
#	52	53	2023-02-21	052	Bob	Laptop	Electronics	1	\$800	1	\$800
#	53	54	2023-02-22	053	Charlie	Smartwatch	Electronics	1	\$200	1	\$200
#	54	55	2023-02-23	054	Diana	Headphones	Electronics	1	\$150	1	\$150
#	55	56	2023-02-24	055	Eve	Smart TV	Electronics	1	\$500	1	\$500
#	56	57	2023-02-25	056	Fiona	Smartphone	Electronics	1	\$1000	1	\$1000
#	57	58	2023-02-26	057	George	Laptop	Electronics	1	\$1200	1	\$1200
#	58	59	2023-02-27	058	Hannah	Smartwatch	Electronics	1	\$180	1	\$180
#	59	60	2023-02-28	059	Ivan	Smartphone	Electronics	1	\$1000	1	\$1000
#	60	61	2023-02-29	060	Jessica	Smart TV	Electronics	1	\$500	1	\$500
#	61	62	2023-03-01	061	Karen	Smartphone	Electronics	1	\$1000	1	\$1000
#	62	63	2023-03-02	062	Liam	Smartwatch	Electronics	1	\$200	1	\$200
#	63	64	2023-03-03	063	Mia	Smartphone	Electronics	1	\$1000	1	\$1000
#	64	65	2023-03-04	064	Noah	Smart TV	Electronics	1	\$500	1	\$500
#	65	66	2023-03-05	065	Olivia	Smartphone	Electronics	1	\$1000	1	\$1000
#	66	67	2023-03-06	066	Peter	Smartwatch	Electronics	1	\$180	1	\$180
#	67	68	2023-03-07	067	Quinn	Smartphone	Electronics	1	\$1000	1	\$1000
#	68	69	2023-03-08	068	Riley	Smart TV	Electronics	1	\$500	1	\$500
#	69	70	2023-03-09	069	Sophia	Smartphone	Electronics	1	\$1000	1	\$1000
#	70	71	2023-03-10	070	Taylor	Smartwatch	Electronics	1	\$200	1	\$200
#	71	72	2023-03-11	071	Ulysses	Smartphone	Electronics	1	\$1000	1	\$1000
#	72	73	2023-03-12	072	Vivian	Smart TV	Electronics	1	\$500	1	\$500
#	73	74	2023-03-13	073	Winston	Smartphone	Electronics	1	\$1000	1	\$1000
#	74	75	2023-03-14	074	Zoey	Smartwatch	Electronics	1	\$180	1	\$180
#	75	76	2023-03-15	075	Alice	Smartphone	Electronics	1	\$1000	1	\$1000
#	76	77	2023-03-16	076	Bob	Laptop	Electronics	1	\$800	1	\$800
#	77	78	2023-03-17	077	Charlie	Smartwatch	Electronics	1	\$200	1	\$200
#	78	79	2023-03-18	078	Diana	Headphones	Electronics	1	\$150	1	\$150
#	79	80	2023-03-19	079	Eve	Smart TV	Electronics	1	\$500	1	\$500
#	80	81	2023-03-20	080	Fiona	Smartphone	Electronics	1	\$1000	1	\$1000
#	81	82	2023-03-21	081	George	Laptop	Electronics	1	\$1200	1	\$1200
#	82	83	2023-03-22	082	Hannah	Smartwatch	Electronics	1	\$180	1	\$180
#	83	84	2023-03-23	083	Ivan	Smartphone	Electronics	1	\$1000	1	\$1000
#	84	85	2023-03-24	084	Jessica	Smart TV	Electronics	1	\$500	1	\$500
#	85	86	2023-03-25	085	Karen	Smartphone	Electronics	1	\$1000	1	\$1000
#	86	87	2023-03-26	086	Liam	Smartwatch	Electronics	1	\$200	1	\$200
#	87	88	2023-03-27	087	Mia	Smartphone	Electronics	1	\$1000	1	\$1000
#	88	89	2023-03-28	088	Noah	Smart TV	Electronics	1	\$500	1	\$500
#	89	90	2023-03-29	089	Olivia	Smartphone	Electronics	1	\$1000	1	\$1000
#	90	91	2023-03-30	090	Peter	Smartwatch	Electronics	1	\$180	1	\$180
#	91	92	2023-03-31	091	Quinn	Smartphone	Electronics	1	\$1000	1	\$1000
#	92	93	2023-04-01	092	Riley	Smart TV	Electronics	1	\$500	1	\$500
#	93	94	2023-04-02	093	Sophia	Smartphone	Electronics	1	\$1000	1	\$1000
#	94	95	2023-04-03	094	Taylor	Smartwatch	Electronics	1	\$200	1	\$200
#	95	96	2023-04-04	095	Ulysses	Smartphone	Electronics	1	\$1000	1	\$1000
#	96	97	2023-04-05	096	Vivian	Smart TV	Electronics	1	\$500	1	\$500
#	97	98	2023-04-06	097	Winston	Smartphone	Electronics	1	\$1000	1	\$1000
#	98	99	2023-04-07	098	Zoey	Smartwatch	Electronics	1	\$180	1	\$180
#	99	100	2023-04-08	099	Alice	Smartphone	Electronics	1	\$1000	1	\$1000
#	100	101	2023-04-09	100	Bob	Laptop	Electronics	1	\$800	1	\$800
#	101	102	2023-04-10	101	Charlie	Smartwatch	Electronics	1	\$200	1	\$200
#	102	103	2023-04-11	102	Diana	Headphones	Electronics	1	\$150	1	\$150
#	103	104	2023-04-12	103	Eve	Smart TV	Electronics	1	\$500	1	\$500
#	104	105	2023-04-13	104	Fiona	Smartphone	Electronics	1	\$1000	1	\$1000
#	105	106	2023-04-14	105	George	Laptop	Electronics	1	\$1200	1	\$1200
#	106	107	2023-04-15	106	Hannah	Smartwatch	Electronics	1	\$180	1	\$180
#	107	108	2023-04-16	107	Ivan	Smartphone	Electronics	1	\$1000	1	\$1000
#	108	109	2023-04-17	108	Jessica	Smart TV	Electronics	1	\$500	1	\$500
#	109	110	2023-04-18	109	Karen	Smartphone	Electronics	1	\$1000	1	\$1000
#	110	111	2023-04-19	110	Liam	Smartwatch	Electronics	1	\$200	1	\$200
#	111	112	2023-04-20	111	Mia	Smartphone	Electronics	1	\$1000	1	\$1000
#	112	113	2023-04-21	112	Noah	Smart TV	Electronics	1	\$500	1	\$500
#	113	114	2023-04-22	113	Olivia	Smartphone	Electronics	1	\$1000	1	\$1000
#	114	115	2023-04-23	114	Peter	Smartwatch	Electronics	1	\$180	1	\$180
#	115	116	2023-04-24	115	Quinn	Smartphone	Electronics	1	\$1000	1	\$1000
#	116	117	2023-04-25	116	Riley	Smart TV	Electronics	1	\$500	1	\$500
#	117	118	2023-04-26	117	Sophia	Smartphone	Electronics	1	\$1000	1	\$1000
#	118	119	2023-04-27	118	Taylor	Smartwatch	Electronics	1	\$200	1	\$200
#	119	120	2023-04-28	119	Ulysses	Smartphone	Electronics	1	\$1000	1	\$1000
#	120	121	2023-04-29	120	Vivian	Smart TV	Electronics	1	\$500	1	\$500
#	121	122	2023-04-30	121	Winston	Smartphone	Electronics	1	\$1000	1	\$1000
#	122	123	2023-05-01	122	Zoey	Smartwatch	Electronics	1	\$180	1	\$180
#	12										

Troubleshooting & Time Spent

Issues Faced

- VMware resolution irregularities
- Phone number formatting challenges
- Managing state abbreviation replacements



Estimated Time Allocation

VMware Setup	0.5
Ubuntu Installation	1.5
Resolution Config	0.5
System Verification	0.5
LibreOffice Task	0.5

Total estimated time: 3.5 hours.



Conclusion: Assessment Success

This technical assessment successfully established a virtualized environment and demonstrated core system administration and data management capabilities.

Requirements Met

All specified requirements fulfilled.

Environment Ready

Configured for OSWorld automation workflows.

Proficiency Shown

Assessment completed with precision.