

EJERCICIOS EN GRUPO

UNIDAD 3: ERP

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ÍNDICE

Ejercicio 3.2 Parte A – Modalidades de instalación.....	2
Ejercicio 3.2 Parte B – Modalidades de instalación.....	2
Ejercicio 3.2 Parte C – Modalidades de instalación.....	4
Ejercicio 3.2 Parte D – Modalidades de instalación.....	19
Ejercicio 3.2 Parte E – Modalidades de instalación.....	19

Ejercicio 3.2 Parte A – Modalidades de instalación.

a) Busca una solución ERP que proporcione una instalación de tipo monopuesto

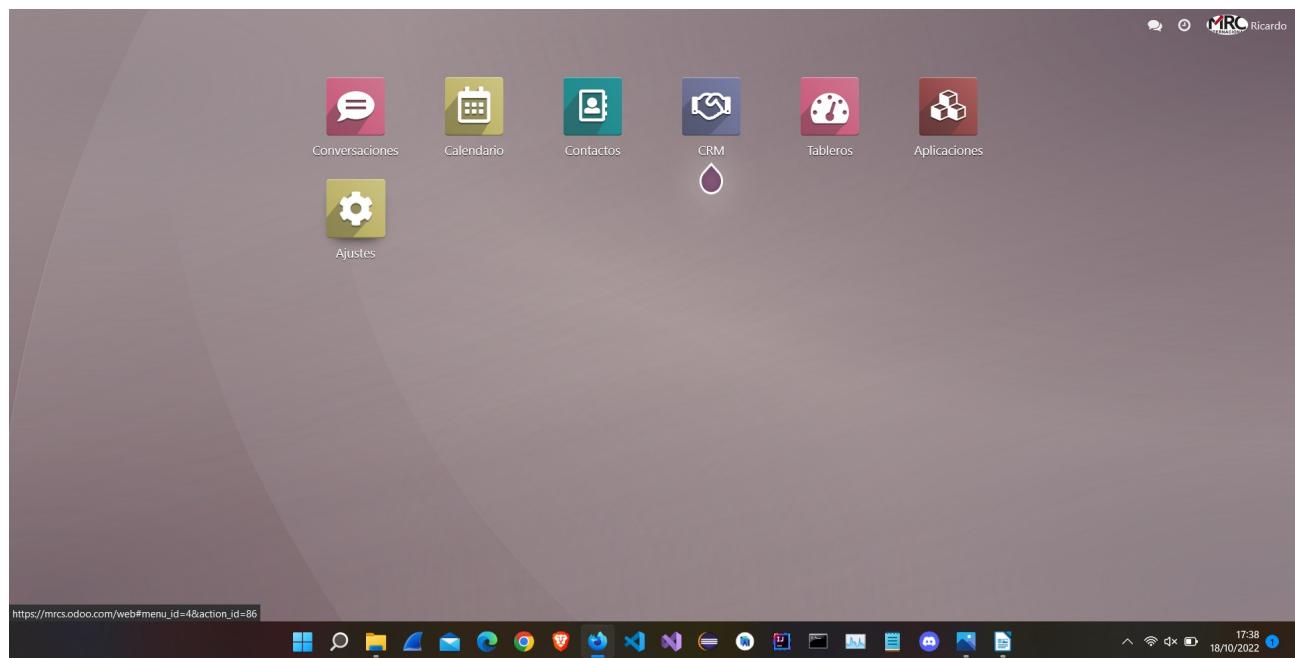
El ERP **Oracle Nesuite** te proporciona una instalación de tipo monopuesto ya que te sirve al mismo tiempo como servidor, como punto de venta y como administrador.



Ejercicio 3.2 Parte B – Modalidades de instalación.

b) Configura la instancia Cloud con los datos básicos: nombre, empresa, dirección completa, teléfono, CIF, email, etc., y añade un log en el apartamento correspondiente.

- Primero pulsamos en el apartado ajustes.



- En el apartado Empresa pulsamos sobre actualizar información.

The screenshot shows the Odoo Settings interface. On the left, there's a sidebar with 'Ajustes' (Settings) selected. The main area has tabs for 'Idiomas' (Languages), 'Empresas' (Companies), and 'Conversaciones' (Conversations). Under 'Empresas', there's a section for 'MRCs' with address details: 'C/avenida del paraíso, numero 7', '03007 - Alicante', 'Alacant (Alicante) (ES)', 'España', and 'VAT: b-123123123'. Below this is a link to 'Actualizar información'. Another section shows '1 Empresa' with 'Header Color' and 'Button Color' settings, and a link to 'Review All Templates'. Under 'Conversaciones', there are sections for 'Actividades' (Activities) and 'Servidores personalizados de correo electrónico' (Customized email servers). The bottom of the screen shows the Windows taskbar with various pinned icons.

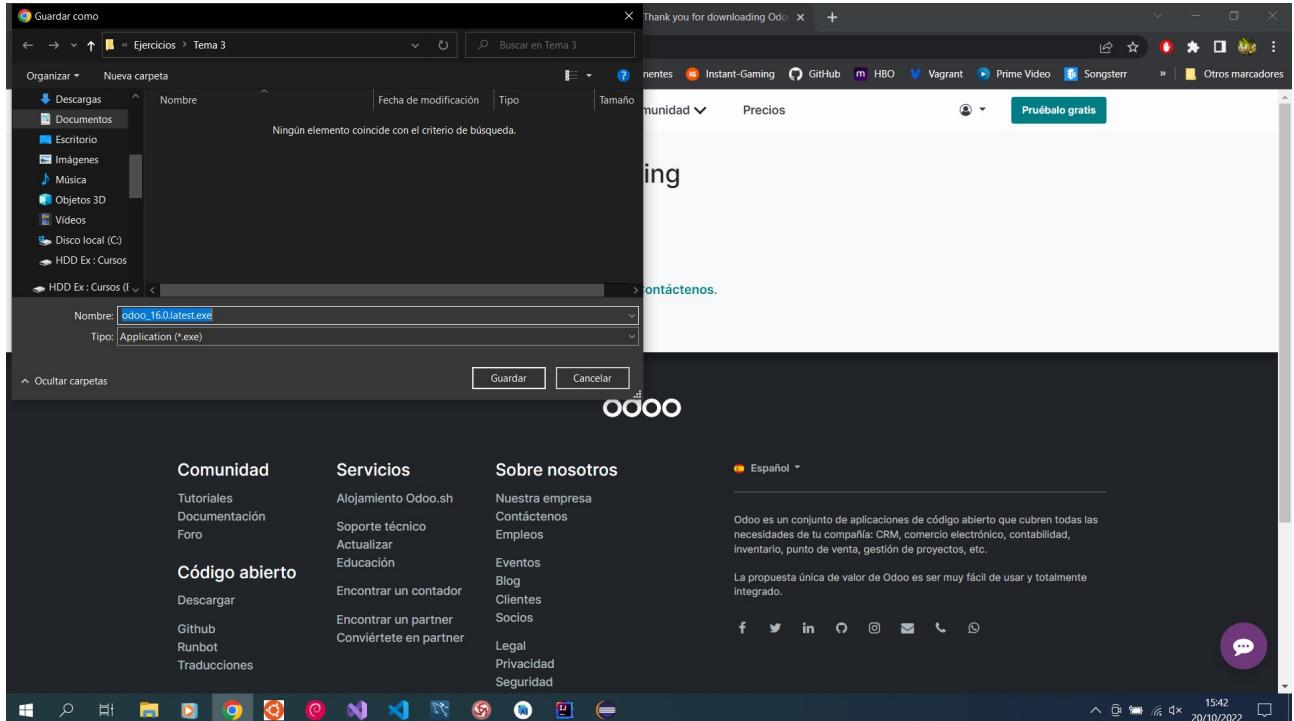
- Por ultimo rellenamos los distintos campos.

The screenshot shows the Odoo company information form for 'MRCs'. The top bar includes the URL 'https://mrcs.odoo.com/web?#id=1&cids=1&model=res.company&view_type=form&menu_id=4'. The form has tabs for 'Información General' (General Information) and 'Imagen' (Image). In 'Información General', fields include: 'Nombre de la compañía' (Company Name) set to 'MRCs'; 'Dirección' (Address) 'C/avenida del paraíso, numero 7'; 'Teléfono' (Phone) '965432954'; 'Calle 2...' (Street 2); 'Móvil' (Mobile); 'Correo electrónico' (Email) 'hermit.4493@gmail.com'; 'Calle 3...' (Street 3); '03007' (Zip Code); 'Sitio web' (Website) 'e.j. https://www.odoo.com'; 'NIF¹' (NIF) 'b-123123123'; 'Company ID²' (Company ID); 'Moneda' (Currency) 'EUR'. The bottom of the screen shows the Windows taskbar.

Ejercicio 3.2 Parte C – Modalidades de instalación

c) Crea una nueva base de datos en la instalación sobre Windows y carga los datos de prueba. Consigue un listado de contactos en formato pdf.

- Primero descargamos Odoo para Windows de la página oficial de Odoo.

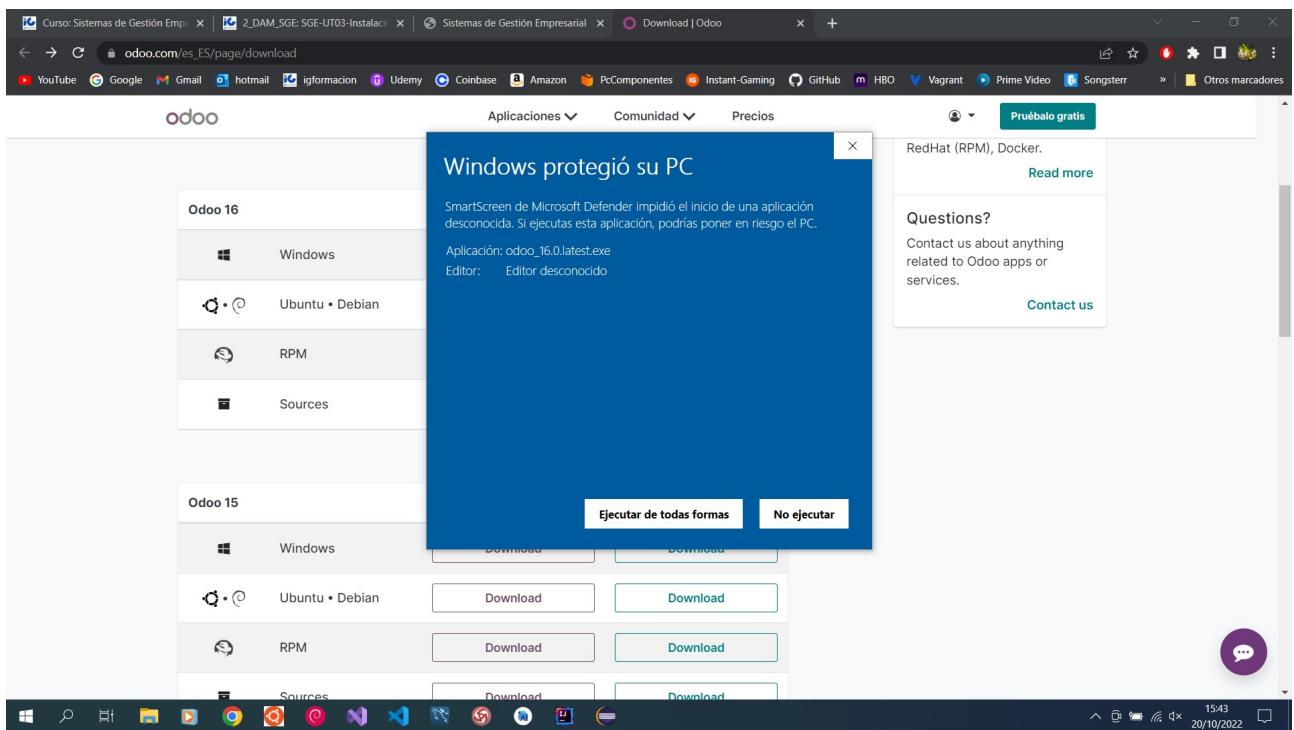


The screenshot shows the Odoo download page. At the top, there's a form for users to enter their company information: Your Company (doncipotdedelamancha), Your Name (david), Phone Number (+34601275932), Your Email (davidpi31bosque1999@gmail.com), Primary Interest (I am a teacher or a student), and Company size (5-20 employees). To the right of the form are buttons for "Try without installing" and "Compare Odoo editions". Below the form, there's a section titled "Installation guide" with links for Windows, Ubuntu/Debian, RedHat (RPM), Docker, and a "Read more" link.

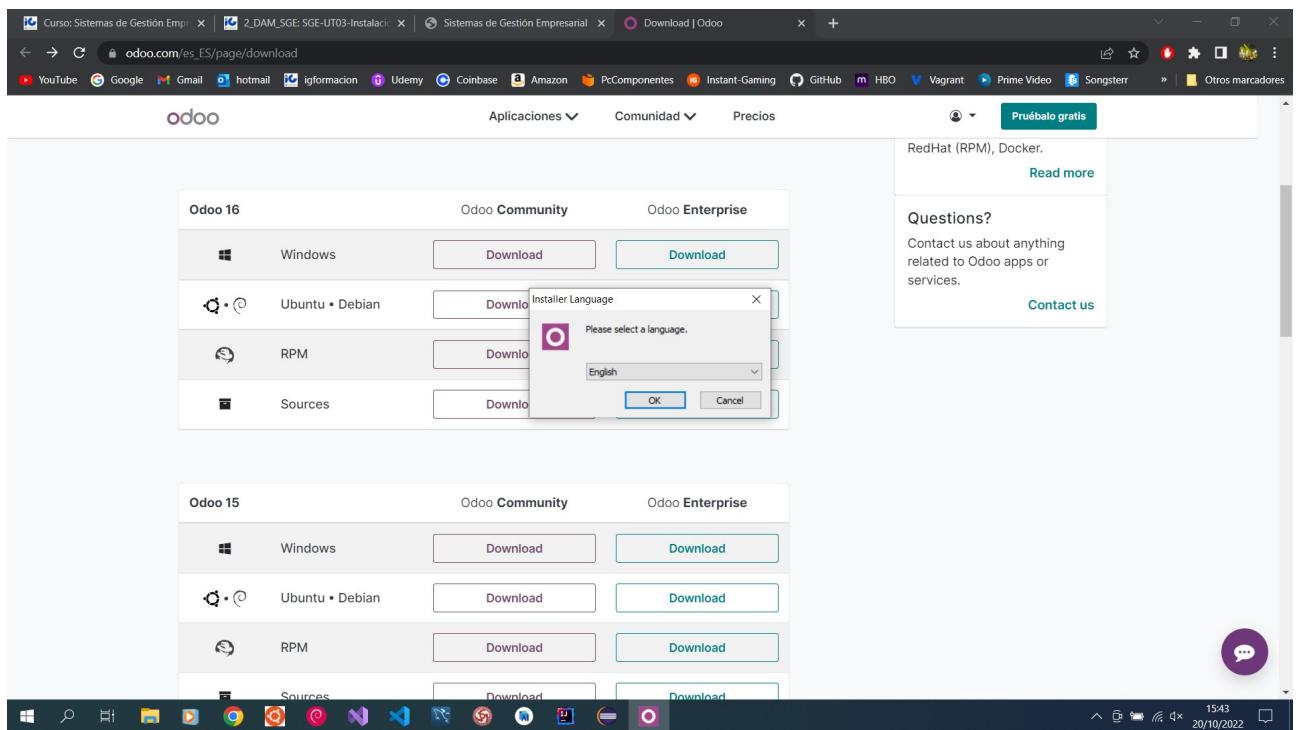
The screenshot then transitions to the "Download Odoo" section, which lists download options for Odoo 16 and Odoo 15. For Odoo 16, there are four rows: Windows (Download, Download), Ubuntu • Debian (Download, Download), RPM (Download, Download), and Sources (Download, Download). For Odoo 15, there are three rows: Windows (Download, Download), Ubuntu • Debian (Download, Download), and RPM (Download, Download). A "RedHat (RPM), Docker" link is also present here, with a "Read more" button. On the right side, there's a "Questions?" section with a "Contact us" button and a purple speech bubble icon.

At the bottom of the screenshot, a taskbar is visible with icons for various applications and the file "odoo_16.0.latest.exe". The date and time on the taskbar are 20/10/2022 15:43.

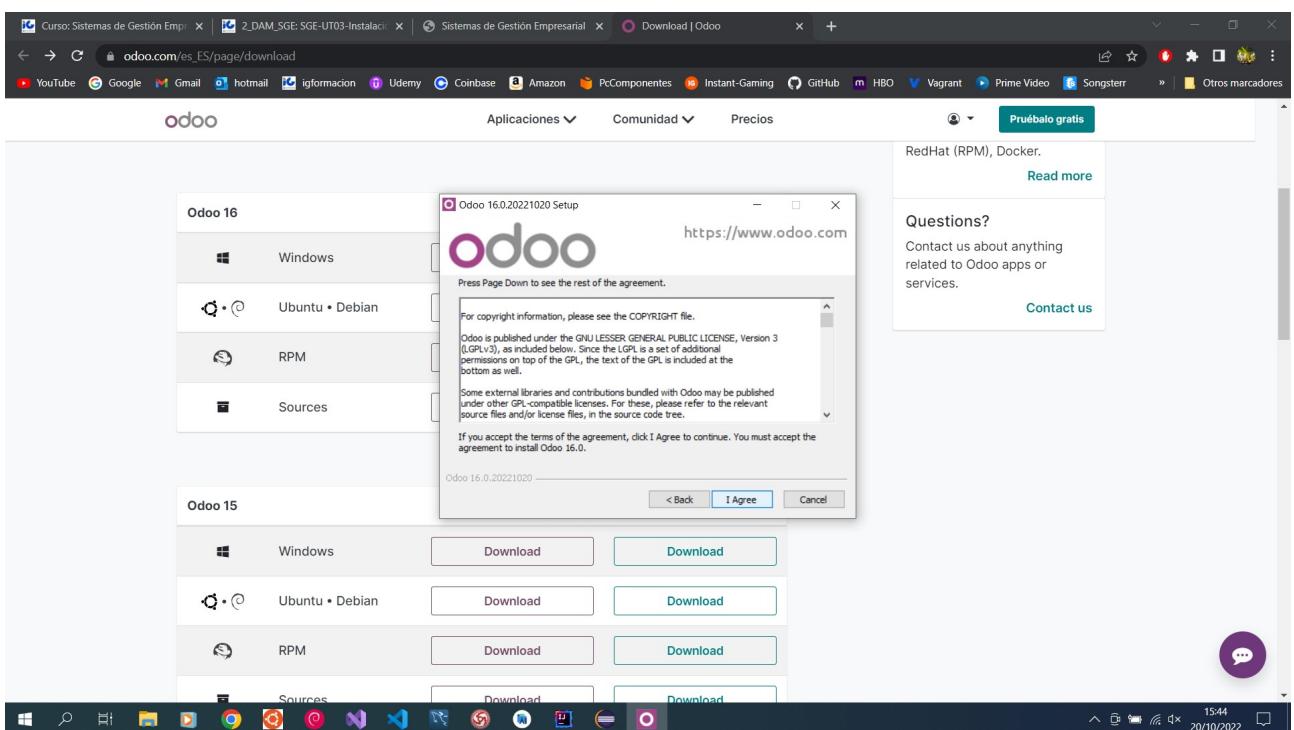
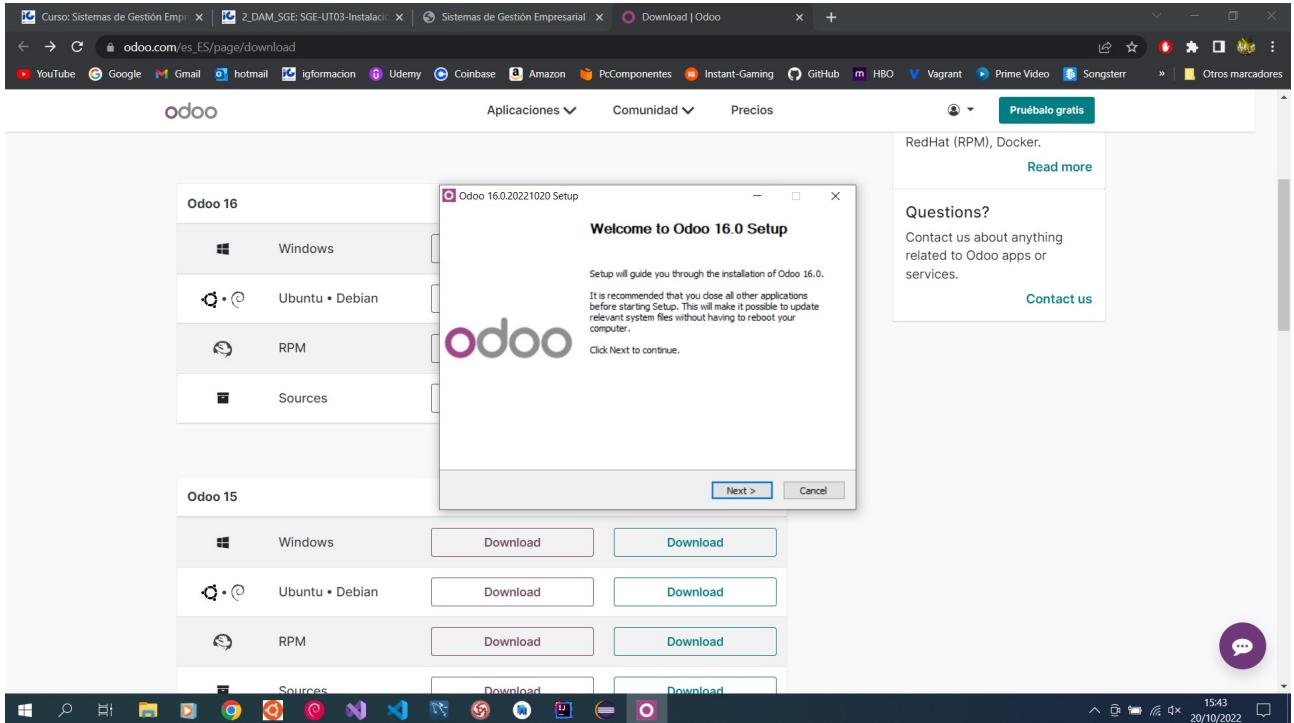
- Ejecutamos el ejecutable que se nos ha descargado de Odoo.



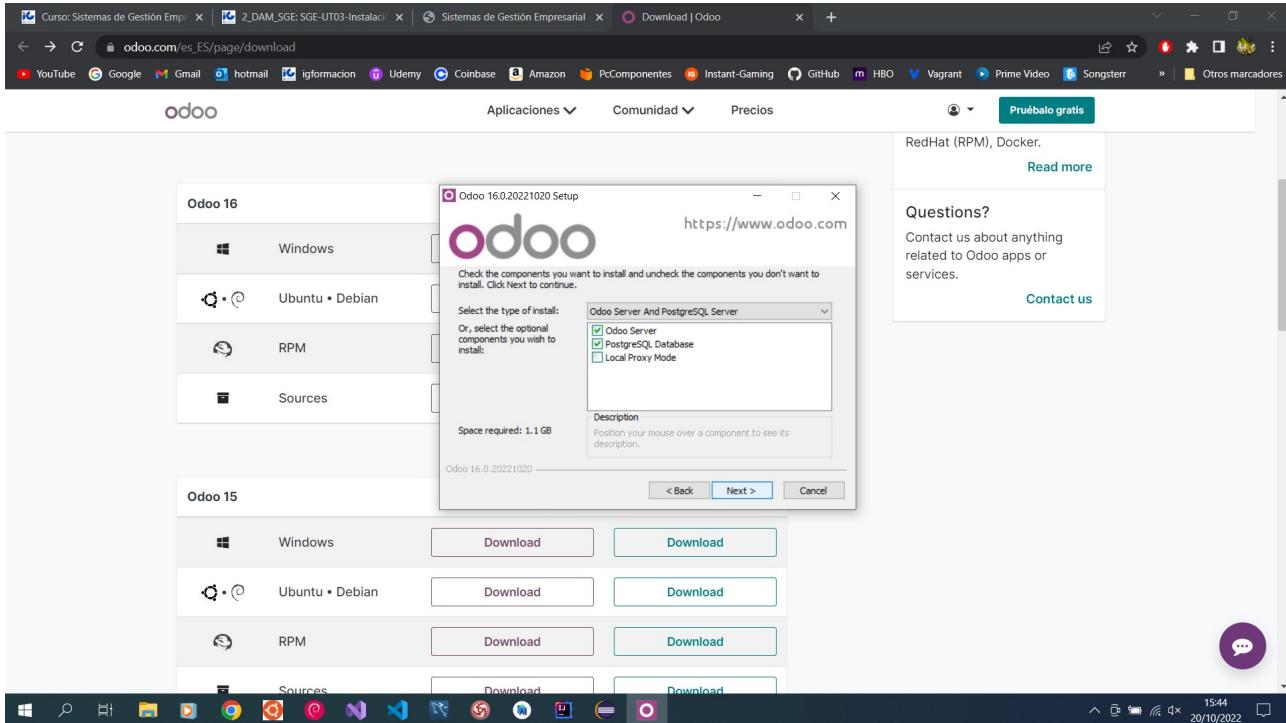
- Elegimos el idioma que queremos en la instalación.



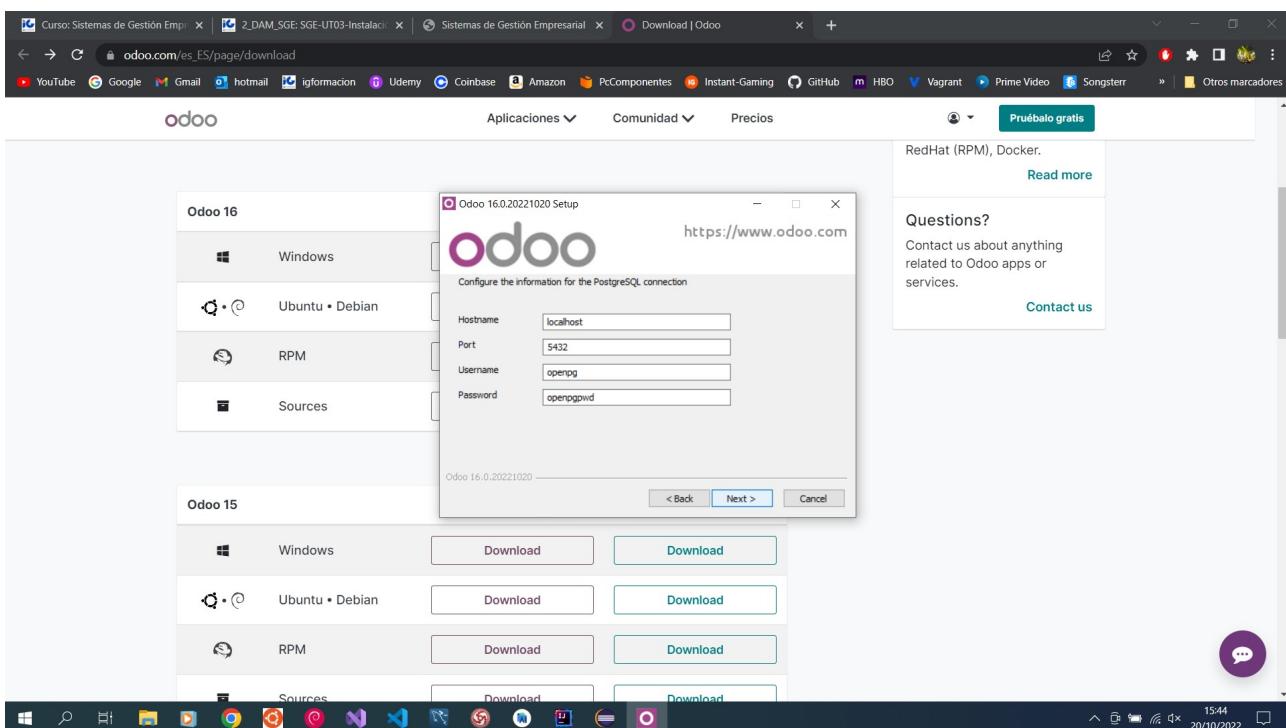
- Después seguimos los pasos que nos van indicando el instalador de Odoo.



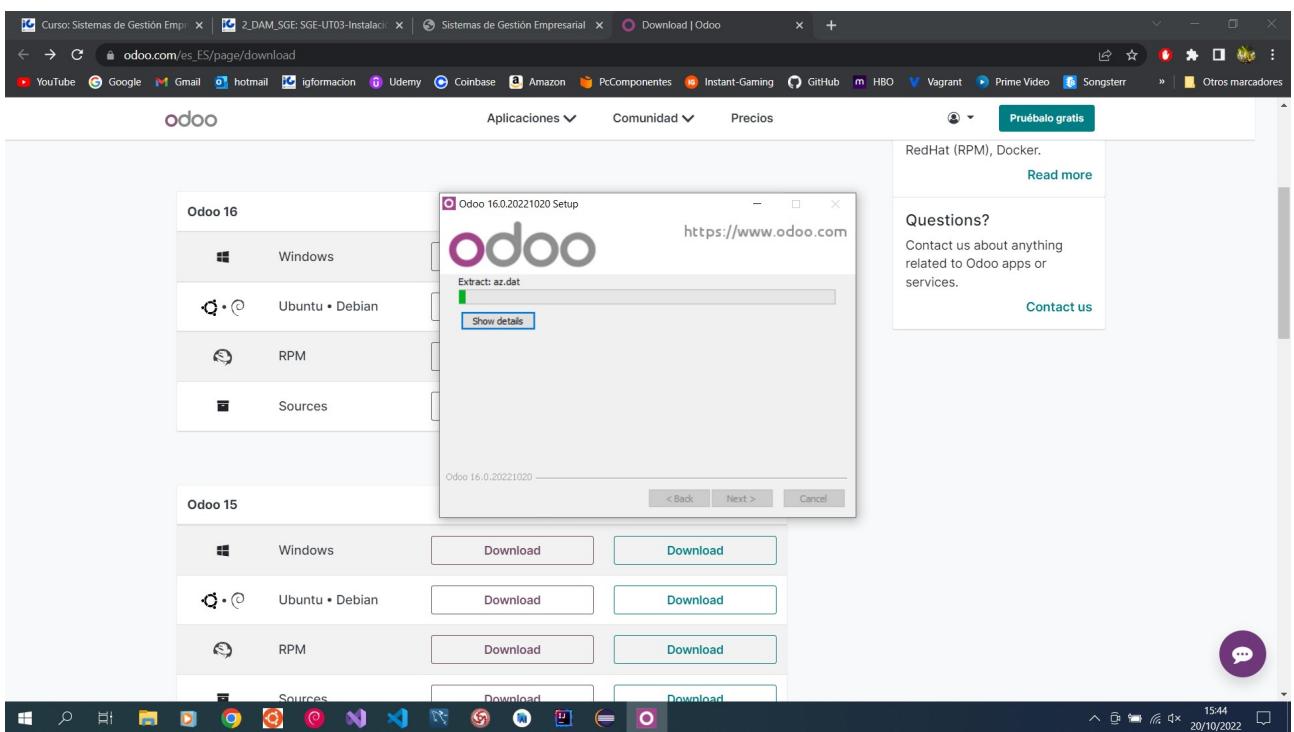
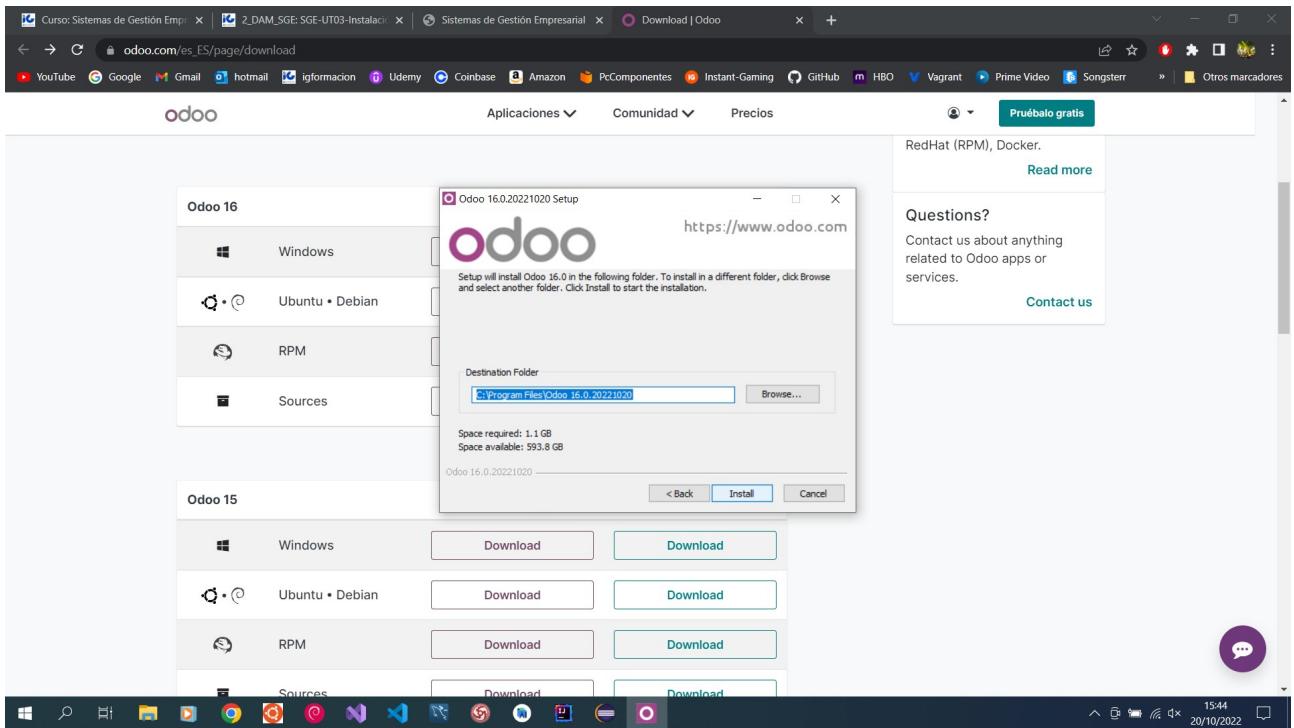
- Seleccionamos las opciones que queremos que se nos instale.

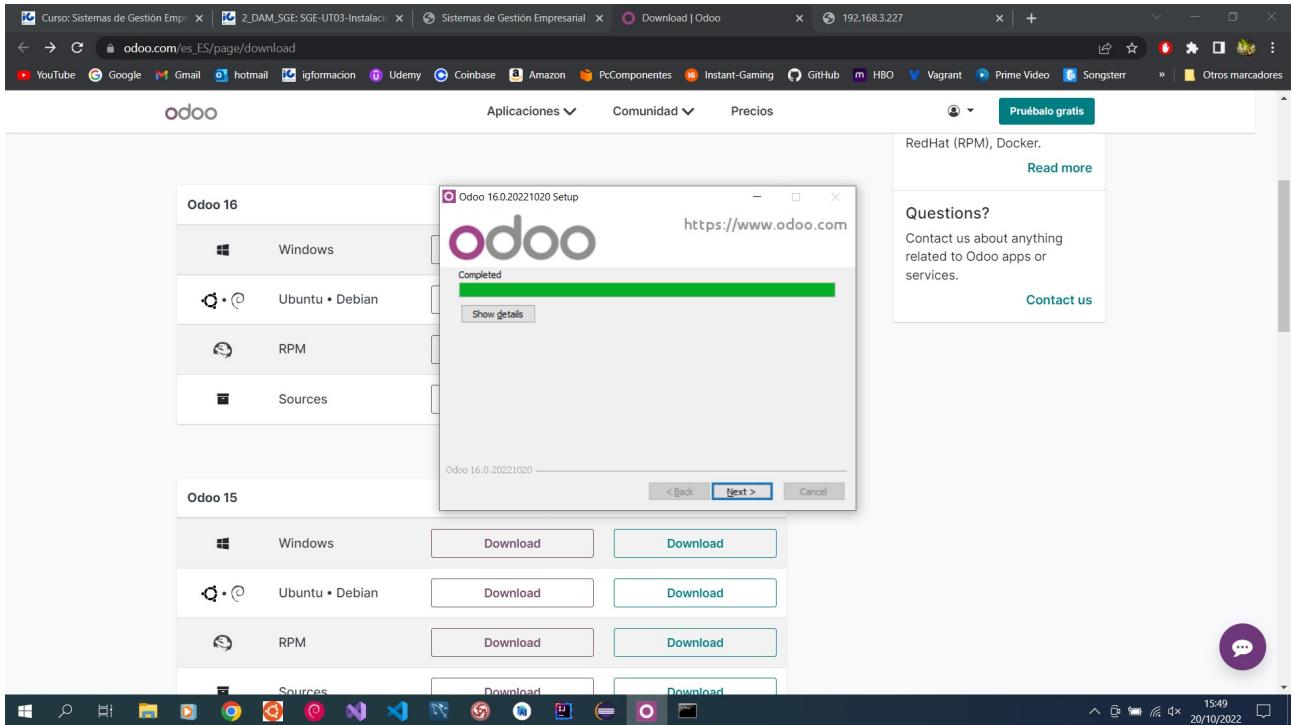


- Escribimos el hostname, puerto, nombre de usuario y contraseña o dejamos por defecto.

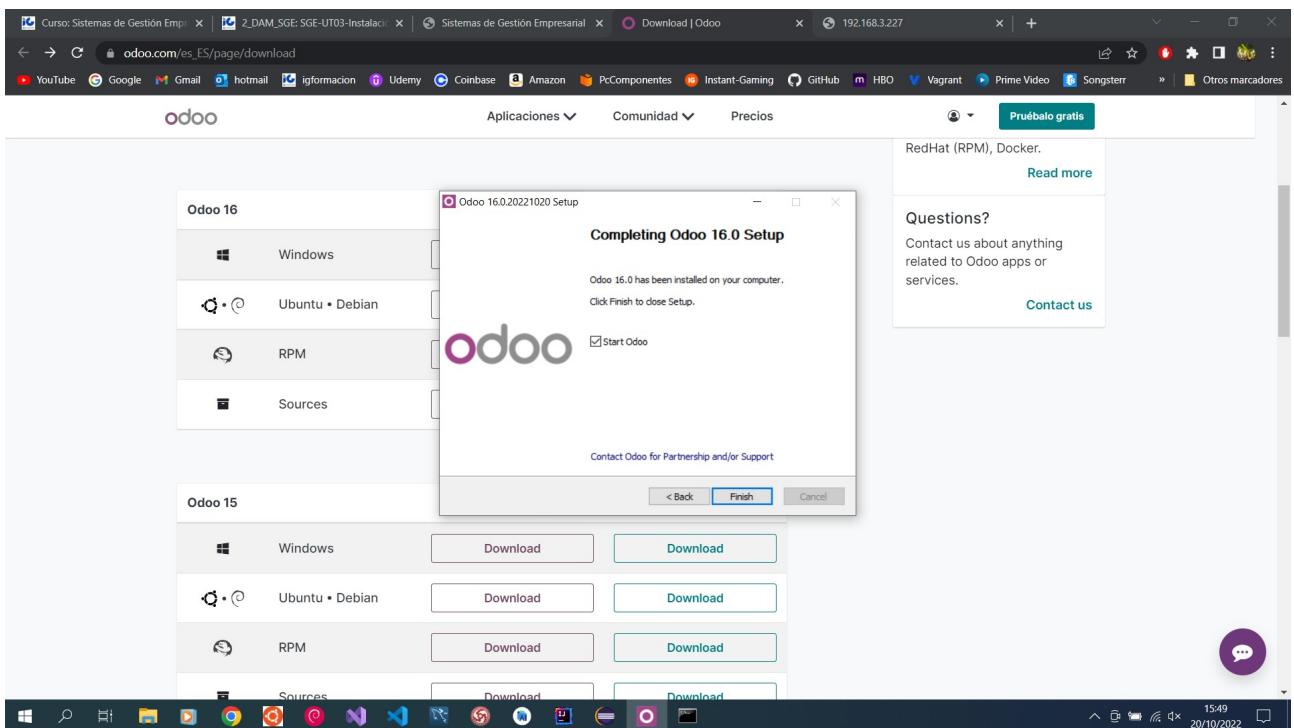


- Seleccionamos en que carpeta queremos que se nos instale Odoo.

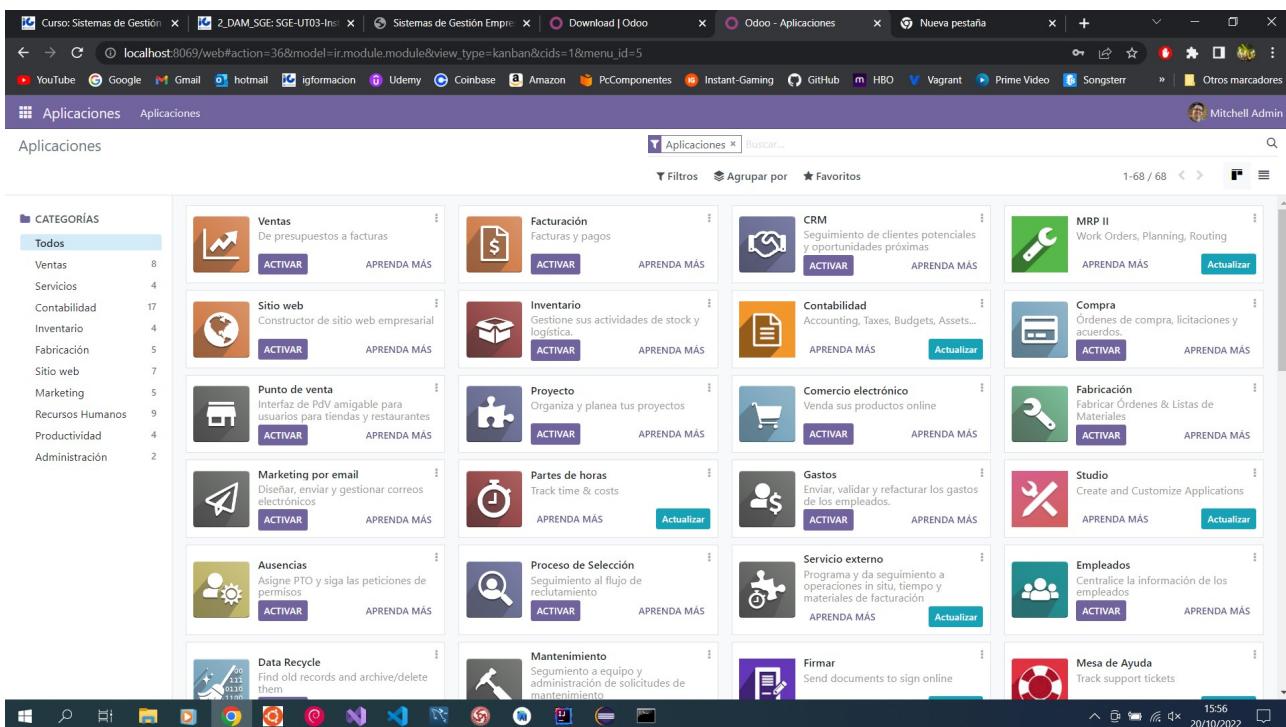
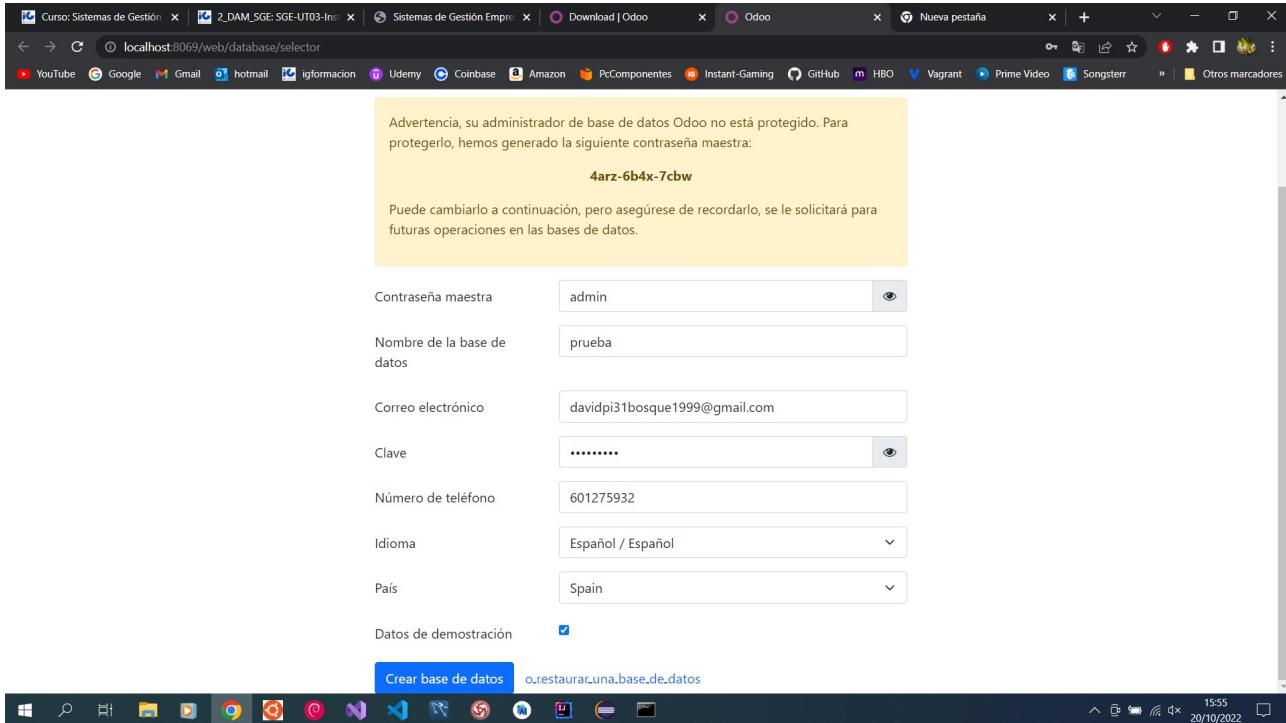




- Finalizamos la instalación.



- Creamos una nueva base de datos en la instalación de Odoo.



- Creamos un usuario sin permisos de administrador para poder realizar pruebas.

The screenshot shows the Odoo application interface for creating a new user. The browser tab is titled 'Odoo - Nuevo'. The main form has 'Nombre' set to 'user1' and 'Dirección de Email' set to 'davidbosque1999@gmail.com'. Below the form, under 'ADMINISTRACIÓN', there are tabs for 'Administración' and 'Permisos de acceso'. A large empty area is visible below the tabs. The bottom of the screen shows the Windows taskbar with various pinned icons.

The screenshot shows the Odoo application interface displaying a list of users. The browser tab is titled 'Odoo - Usuarios'. The list includes three entries: 'Marc Demo' (User: demo, Idioma: Spanish / Español), 'Mitchell Admin' (User: davidpi31bosque1999@gmail.com, Idioma: Spanish / Español, Última autenticación: 20/10/2022 16:00:54), and 'user1' (User: davidbosque1999@gmail.com, Idioma: Spanish / Español). The top of the screen shows the Odoo header with the title 'Sistemas de Gestión Empresarial' and the Odoo logo. The bottom of the screen shows the Windows taskbar.

- Vamos a la sección de contactos y exportamos los contactos.

Screenshot of a web-based contact management system (Odoo) showing a grid view of contacts. The contacts are listed in a 4x4 grid. Each contact card includes a profile picture, name, email, and a brief description of their role and location.

Nombre	Teléfono	Correo electrónico	Comercial	Actividades	Ciudad	País
Abigail Peterson		abigail.peterson33@example.com				Estados Unidos
Audrey Peterson		audrey.peterson2020@example.com				Estados Unidos
Azule Interior, Colleen Diaz		colleen.diaz83@example.com				Fremont, Estados Unidos
Deco Addict		deco.addict82@example.com				Pleasant Hill, Estados Unidos
Doris Cole		doris.cole.LoveSong@example.com				
Abigail Peterson		abigail.peterson39@example.com				
Audrey Peterson		audrey.peterson25@example.com				
Azule Interior, Nicole Ford		nicoled.ford75@example.com				
Deco Addict, Addison Olson		addison.olson28@example.com				
Doris Cole		doris.cole31@example.com				
Anita Oliver		anita.oliver32@example.com				
Azule Interior	(870)-931-0505	azule.interior24@example.com			Fremont	Estados Unidos
Azule Interior, Brandon Freeman	(355)-687-3262	brandon.freeman55@example.com			Fremont	Estados Unidos
Azule Interior, Colleen Diaz	(255)-595-8393	colleen.diaz83@example.com			Fremont	Estados Unidos
Azule Interior, Nicole Ford	(946)-638-6034	nicoled.ford75@example.com			Fremont	Estados Unidos
Beth Evans		beth.evans@example.com				Estados Unidos
Deco Addict	(603)-996-3829	deco.addict82@example.com			Pleasant Hill	Estados Unidos
Deco Addict, Addison Olson	(223)-399-7637	addison.olson28@example.com			Pleasant Hill	Estados Unidos
Deco Addict, Douglas Fletcher	(132)-553-7242	douglas.fletcher51@example.com			Pleasant Hill	Estados Unidos
Deco Addict, Floyd Steward	(145)-138-3401	floyd.steward34@example.com			Pleasant Hill	Estados Unidos

Screenshot of the same contact management system showing a detailed list view of contacts. Each contact is represented by a row in a table, including columns for Name, Phone, Email, Commercial status, Activities, City, and Country.

Nombre	Teléfono	Correo electrónico	Comercial	Actividades	Ciudad	País
Abigail Peterson		abigail.peterson33@example.com				Estados Unidos
Abigail Peterson		abigail.peterson39@example.com				Estados Unidos
Anita Oliver		anita.oliver00@example.com				
Anita Oliver		anita.oliver00@example.com				Estados Unidos
Audrey Peterson		Audrey.peterson2020@example.com				Estados Unidos
Audrey Peterson		audrey.peterson25@example.com				
Azule Interior	(870)-931-0505	azule.interior24@example.com			Fremont	Estados Unidos
Azule Interior, Brandon Freeman	(355)-687-3262	brandon.freeman55@example.com			Fremont	Estados Unidos
Azule Interior, Colleen Diaz	(255)-595-8393	colleen.diaz83@example.com			Fremont	Estados Unidos
Azule Interior, Nicole Ford	(946)-638-6034	nicoled.ford75@example.com			Fremont	Estados Unidos
Beth Evans		beth.evans@example.com				Estados Unidos
Deco Addict	(603)-996-3829	deco.addict82@example.com			Pleasant Hill	Estados Unidos
Deco Addict, Addison Olson	(223)-399-7637	addison.olson28@example.com			Pleasant Hill	Estados Unidos
Deco Addict, Douglas Fletcher	(132)-553-7242	douglas.fletcher51@example.com			Pleasant Hill	Estados Unidos
Deco Addict, Floyd Steward	(145)-138-3401	floyd.steward34@example.com			Pleasant Hill	Estados Unidos

Guardar como

Este equipo > Descargas > Nueva carpeta

Nombre: Contacto (respaldo).xlsx

Tipo: Hoja de trabajo de Microsoft Excel (*.xlsx)

Ocultar carpetas

Guardar Cancelar

Odoo - Contactos

Filtros Agrupar por Favoritos 1-65 / 65

Comercial	Actividades	Ciudad	País
			Estados Unidos
			Pleasant Hill

Curso: Sistemas de Gestión Emp... | 2.DAM.SGE:SGE-UT03-Instalaci... | Sistemas de Gestión Empresarial | Odoo - Contactos

localhost:8069/web?action=128&model=res.partner&view_type=list&cids=1&menu_id=98

Contactos Contactos Configuración

CREAR

Filtros Agrupar por Favoritos 1-65 / 65

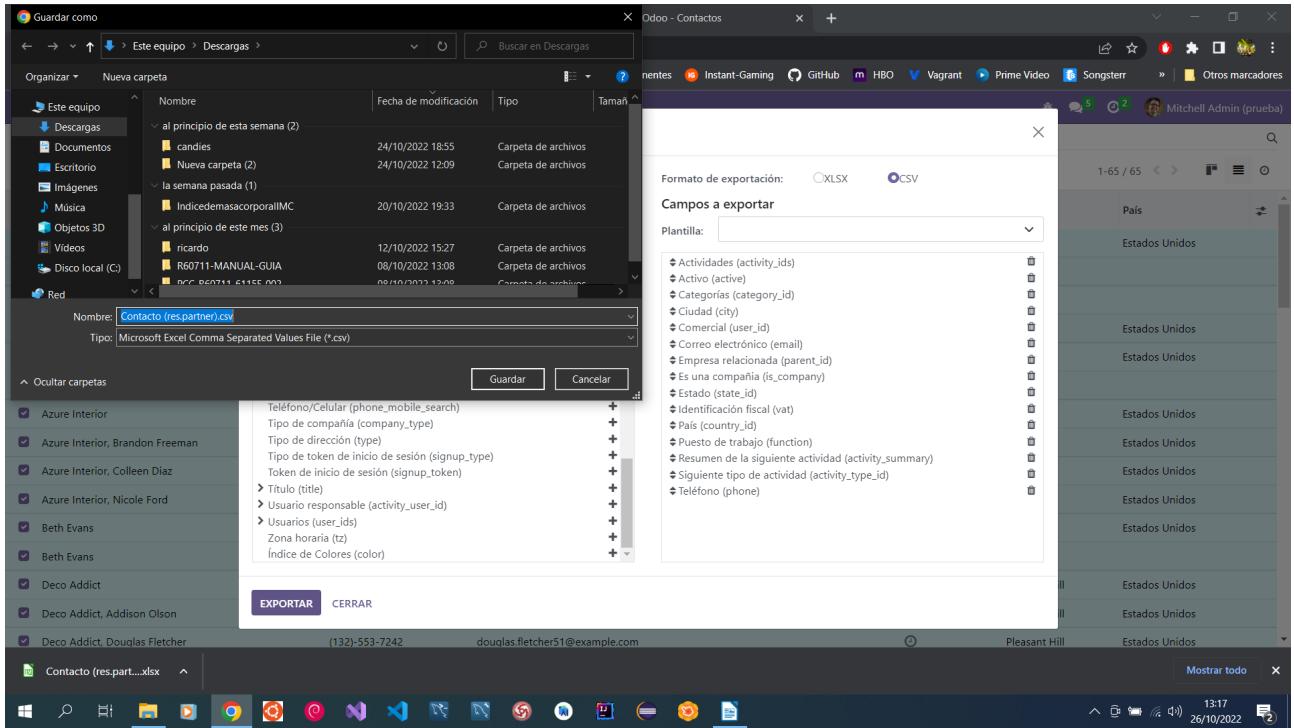
Nombre	Teléfono	Correo electrónico	Comercial	Actividades	Ciudad	País
Abigail Peterson	(870)-931-0505	abigail.peterson33@example.com				Estados Unidos
Abigail Peterson	(355)-687-3262	abigail.peterson39@example.com				Estados Unidos
Anita Oliver	(255)-595-8393	anita.oliver32@example.com				Estados Unidos
Anita Oliver	(946)-638-6034	anita.oliver00@example.com				Estados Unidos
Audrey Peterson	(132)-553-7242	Audrey.peterson2020@example.com				Estados Unidos
Audrey Peterson	(145)-138-3401	audrey.peterson25@example.com				Estados Unidos
Azure Interior	(870)-931-0505	azure.interior24@example.com			Fremont	Estados Unidos
Azure Interior, Brandon Freeman	(355)-687-3262	brandon.freeman55@example.com			Fremont	Estados Unidos
Azure Interior, Colleen Diaz	(255)-595-8393	colleen.diaz23@example.com			Fremont	Estados Unidos
Azure Interior, Nicole Ford	(946)-638-6034	nicole.ford75@example.com			Fremont	Estados Unidos
Beth Evans		beth.evans@example.com				Estados Unidos
Beth Evans		beth.evans77@example.com				Estados Unidos
Deco Addict	(603)-996-3829	deco.addict02@example.com				Pleasant Hill
Deco Addict, Addison Olson	(223)-399-7637	addison.olson28@example.com				Estados Unidos
Deco Addict, Douglas Fletcher	(132)-553-7242	douglas.fletcher51@example.com				Pleasant Hill
Deco Addict, Floyd Steward	(145)-138-3401	floyd.steward34@example.com				Pleasant Hill

Screenshot of a web-based contact management system (Odoo) showing a list of contacts. The interface includes a toolbar with 'Crear' (Create), search bar, and navigation buttons. The main table lists contacts with columns for Name, Phone, Email, Type, Activities, City, and Country.

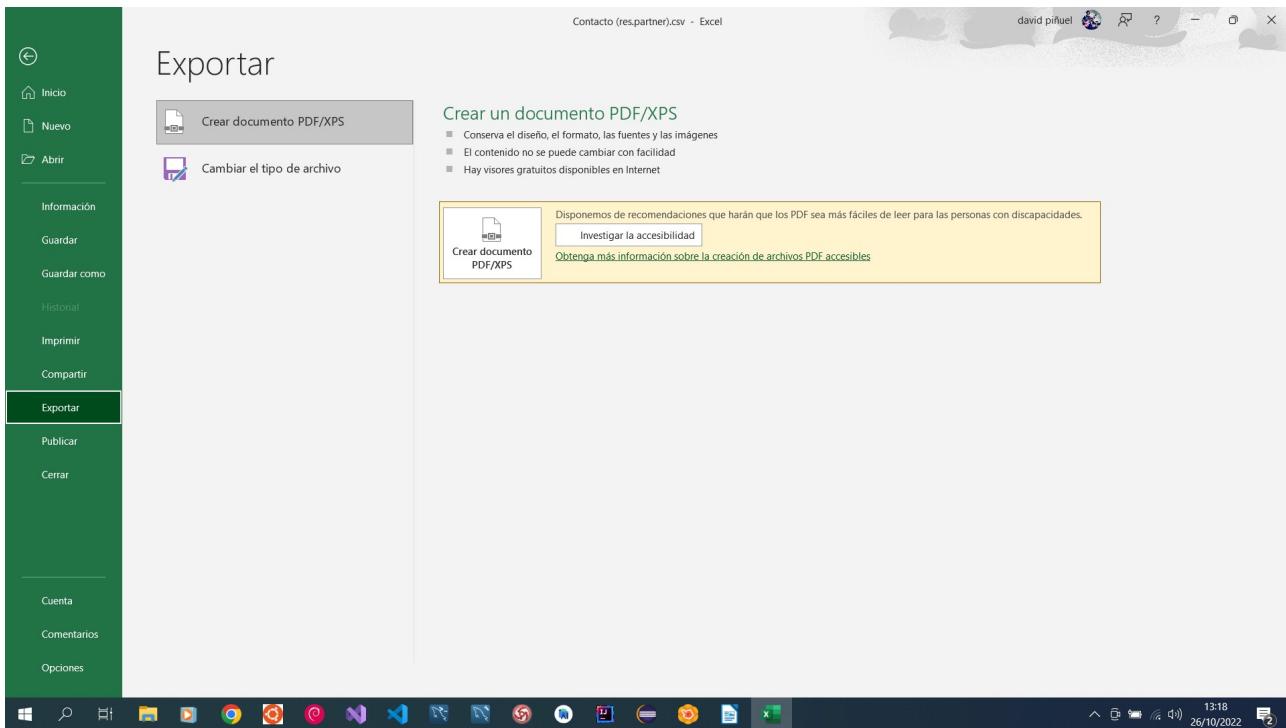
Nombre	Teléfono	Correo electrónico	Comercial	Actividades	Ciudad	País
Abigail Peterson		abigail.peterson33@example.com				Estados Unidos
Abigail Peterson		abigail.peterson39@example.com				Estados Unidos
Anita Oliver		anita.oliver32@example.com				Estados Unidos
Anita Oliver		anita.oliver00@example.com				Estados Unidos
Audrey Peterson		Audrey.peterson2020@example.com				Estados Unidos
Audrey Peterson		audrey.peterson25@example.com				Estados Unidos
Azure Interior	(870)-931-0505	azure.interior24@example.com			Fremont	Estados Unidos
Azure Interior, Brandon Freeman	(355)-687-3262	brandon.freeman55@example.com			Fremont	Estados Unidos
Azure Interior, Colleen Diaz	(255)-595-8393	colleen.diaz83@example.com			Fremont	Estados Unidos
Azure Interior, Nicole Ford	(946)-638-6034	nicoled.ford75@example.com			Fremont	Estados Unidos
Beth Evans		beth.evans@example.com				Estados Unidos
Beth Evans		beth.evans77@example.com				Estados Unidos
Deco Addict	(603)-996-3829	deco.addict82@example.com			Pleasant Hill	Estados Unidos
Deco Addict, Addison Olson	(223)-399-7637	addison.olson28@example.com			Pleasant Hill	Estados Unidos
Deco Addict, Douglas Fletcher	(132)-553-7242	douglas.fletcher51@example.com			Pleasant Hill	Estados Unidos

Screenshot showing a context menu for a selected contact (Abigail Peterson). The options include Exportar, Archivar, Desarchivar, Suprimir, Fusionar, Enviar correo, Manda Mensaje de Texto SMS, and Otorgar acceso al portal.

Screenshot of the export dialog box. It shows options to update data and choose between XLSX and CSV formats. The 'Campos disponibles' (Available Fields) section lists various contact attributes like name, phone, email, and address. The 'Campos a exportar' (Fields to Export) section allows selecting specific fields from the available ones.



Contacto (res.partner).csv - Excel																		
Contacto (res.partner).csv - Excel																		
1	<code>id</code>	<code>"activity_ids"</code>	<code>"active"</code>	<code>"category_id"</code>	<code>"city"</code>	<code>"user_id"</code>	<code>"email"</code>	<code>"parent_id"</code>	<code>"is_company"</code>	<code>"state_id"</code>	<code>"vat"</code>	<code>"country_id"</code>	<code>"function"</code>	<code>"activity_summary"</code>	<code>"activity_type_id"</code>	<code>"phone"</code>		
2	base.res_partner_hne_private_address	,"True",																
3	__export___.res_partner_69_1a7ab9e4d	,"True",																
4	__export___.res_partner_48_24a26a39	,"True",																
5	hr.res_partner_mit_private_address	,"True",																
6	hr.res_partner_fpi_private_address	,"True",																
7	__export___.res_partner_55_7761c398	,"True",																
8	base.res_partner_12_24	,"True",	"Servicios",	"Fremont"	,"True",	"California (US)"	,"Estados Unidos",											
9	base.res_partner_address_31	,"True",	"brandon.freeman55@example.com",	"Azul Interior",	,"California (US)",	,"Estados Unidos",	"Creative Director",											
10	base.res_partner_address_28	,"True",	"Fremont",	,"colleen.diaz23@example.com",	"Azure Interior",	,"California (US)",	,"Estados Unidos",	"Business Executive",										
11	base.res_partner_address_16	,"True",	"Fremont",	,"nicole.ford75@example.com",	"Azure Interior",	,"California (US)",	,"Estados Unidos",	"Director",										
12	hr.res_partner_jep_private_address	,"True",																
13	__export___.res_partner_65_c13f4338	,"True",																
14	base.res_partner_2_2	,"True",	"Proveedor / Fabricante de escritorio",	"Pleasant Hill",	,"deco.addict82@example.com",	,"True",	"California (US)",	,"Estados Unidos",										
15	base.res_partner_address_31	,"True",	"Pleasant Hill",	,"addison.olson28@example.com",	"Deco Addict",	,"California (US)",	,"Estados Unidos",	"Sales Representative",										
16	base.res_partner_address_3	,"True",	"Pleasant Hill",	,"douglas.fletcher51@example.com",	"Deco Addict",	,"California (US)",	,"Estados Unidos",	"Functional Consultant",										
17	base.res_partner_address_4	,"True",	"Pleasant Hill",	,"floyd.steward34@example.com",	"Deco Addict",	,"California (US)",	,"Estados Unidos",	"Analyst",										
18	hr.res_partner_jep_private_address	,"True",																
19	__export___.res_partner_62_d718a07a	,"True",																
20	__export___.res_partner_67_53d5e035	,"True",																
21	__export___.res_partner_66_02cda303	,"True",																
22	base.res_partner_3_3	,"True",	"Proveedor / Fabricante de escritorio,Servicio de consultoría",	"Fairfield",	,"geminifurniture39@example.com",	,"True",	"California (US)",	,"Estados Unidos",										
23	base.res_partner_address_5	,"True",	"Fairfield",	,"edwin.hansen58@example.com",	"Geminifurniture",	,"California (US)",	,"Estados Unidos",	"Marketing Manager",										
24	base.res_partner_address_10	,"True",	"Fairfield",	,"jesse.brown74@example.com",	"Geminifurniture",	,"California (US)",	,"Estados Unidos",	"Senior Consultant",										
25	base.res_partner_address_25	,"True",	"Fairfield",	,"oscar.morgan11@example.com",	"Geminifurniture",	,"California (US)",	,"Estados Unidos",	"Order Clerk",										
26	base.res_partner_address_11	,"True",	"Fairfield",	,"sohan.palmer15@example.com",	"Geminifurniture",	,"California (US)",	,"Estados Unidos",	"Director",										
27	__export___.res_partner_57_1944ccb2	,"True",																
28	__export___.res_partner_51_5fce44e9	,"True",																



Publicar como PDF o XPS

Usuarios > david > Descargas >

Nombre: Contacto (res.partner).pdf

Tipo: PDF (*.pdf)

Optimizar para:

- Estándar (publicación en línea e impresión)
- Tamaño mínimo (publicación en línea)

Opciones...

Herramientas: Publicar Cancelar

Contenido:

```

19 __export__res_partner_62_d718a07a,"True","doris.cole.lovesong@example.com","Doris Cole","Estados Unidos","(870)-931-0505"
20 __export__res_partner_67_53d5e035,"True","eli.lambert22@example.com","Eli Lambert","Estados Unidos","(355)-687-3262"
21 __export__res_partner_66_02cda303,"True","ernest.reed47@example.com","Ernest Reed","Estados Unidos","(255)-595-8393"
22 base_res_partner_3,"True","Proveedor / Fabricantes de escritorio,Servicios de consultoría","Fairfield","gemini.furniture39@example.com","True","California (US)","Estados Unidos","(941)-284-4875"
23 base_res_partner_address_5,"True","edwin.hansen58@example.com","Gemini Furniture","California (US)","Estados Unidos","Marketing Manager","(943)-352-2555"
24 base_res_partner_address_10,"True","Fairfield","jesse.brown74@example.com","Gemini Furniture","California (US)","Estados Unidos","Senior Consultant","(829)-386-3277"
25 base_res_partner_address_25,"True","Fairfield","oscar.morgan11@example.com","Gemini Furniture","California (US)","Estados Unidos","Order Clerk","(561)-239-1744"
26 base_res_partner_address_11,"True","Fairfield","soham.palmer15@example.com","Gemini Furniture","California (US)","Estados Unidos","Director","(379)-167-2040"
27 __export__res_partner_57_1944ccb2,"True","jeffrey.kelly72@example.com","Jeffrey Kelly","Estados Unidos","(145)-138-3401"
28 __export__res_partner_51_5f044eef,"True","jennie.fletcher76@example.com","Jennie Fletcher","Estados Unidos","(145)-138-3401"
  
```

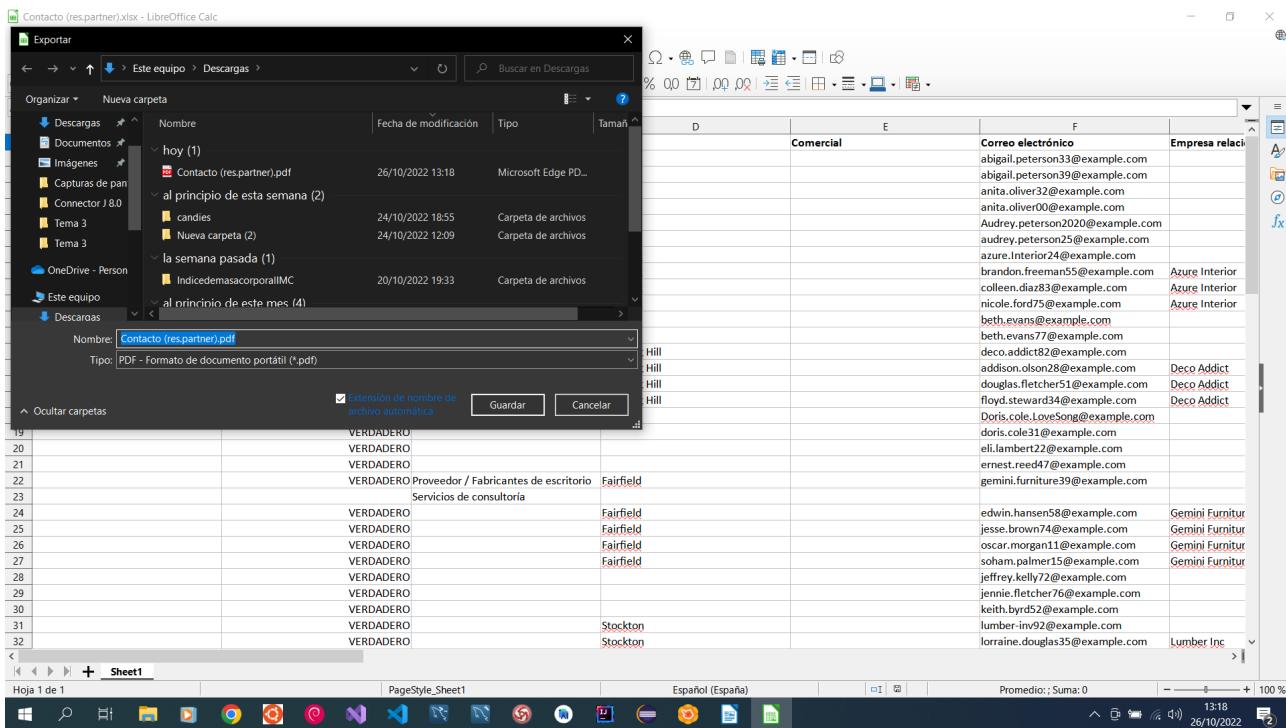
13:18 26/10/2022

Contacto (res.partner).xlsx - LibreOffice Calc

A	B	C	D	E	F	G
1 Actividades	Activo	Categorías	Ciudad	Comercial	Correo electrónico	Empresa relacionada
2	VERDADERO				abigail.peterson33@example.com	
3	VERDADERO				abigail.peterson39@example.com	
4	VERDADERO				anita.oliver32@example.com	
5	VERDADERO				anita.oliver00@example.com	
6	VERDADERO				Audrey.peterson2020@example.com	
7	VERDADERO				audrey.peterson25@example.com	
8	VERDADERO Servicios		Fremont		azure.Interior24@example.com	
9	VERDADERO		Fremont		brandon.freeman55@example.com	Azure Interior
10	VERDADERO		Fremont		colleen.diaz83@example.com	Azure Interior
11	VERDADERO		Fremont		nicole.ford75@example.com	Azure Interior
12	VERDADERO				beth.evans@example.com	
13	VERDADERO				beth.evans77@example.com	
14	VERDADERO Proveedor / Fabricantes de escritorio	Pleasant Hill			deco.addict82@example.com	Deco Addict
15	VERDADERO		Pleasant Hill		addison.olson28@example.com	Deco Addict
16	VERDADERO		Pleasant Hill		douglas.fletcher51@example.com	Deco Addict
17	VERDADERO		Pleasant Hill		floyd.steward34@example.com	Deco Addict
18	VERDADERO				Doris.cole.LoveSong@example.com	
19	VERDADERO				doris.cole31@example.com	
20	VERDADERO				eli.lambert22@example.com	
21	VERDADERO				ernest.reed47@example.com	
22	VERDADERO Proveedor / Fabricantes de escritorio	Fairfield			gemini.furniture39@example.com	
23		Servicios de consultoría				
24	VERDADERO		Fairfield		edwin.hansen58@example.com	Gemini Furnitur
25	VERDADERO		Fairfield		jesse.brown74@example.com	Gemini Furnitur
26	VERDADERO		Fairfield		oscar.morgan10@example.com	Gemini Furnitur
27	VERDADERO		Fairfield		soham.palmer15@example.com	Gemini Furnitur
28	VERDADERO				jeffrey.kelly72@example.com	
29	VERDADERO				jennie.fletcher76@example.com	
30	VERDADERO				keith.bryd2@example.com	
31	VERDADERO		Stockton		lumber-inv92@example.com	
32	VERDADERO		Stockton		lorraine.douglas35@example.com	Lumber Inc

Contacto (res.partner).xlsx - LibreOffice Calc

A	B	C	D	E	F	G
1 Actividades	Activo	Categorías	Ciudad	Comercial	Correo electrónico	Empresa relacionada
2	VERDADERO				abigail.peterson33@example.com	
3		Opciones de PDF			abigail.peterson39@example.com	
4		General			anita.oliver32@example.com	
5		Vista inicial			anita.oliver00@example.com	
6		Interfaz de usuario			Audrey.peterson2020@example.com	
7		Enlaces			audrey.peterson25@example.com	
8		Seguridad			azure.Interior24@example.com	
9		Firmas digitales			brandon.freeman55@example.com	
10		Intervalo			colleen.diaz83@example.com	Azure Interior
11		<input checked="" type="radio"/> Todo			nicole.ford75@example.com	Azure Interior
12		<input type="radio"/> Páginas:			beth.evans@example.com	
13					beth.evans77@example.com	
14		<input type="radio"/> Selección/hojas seleccionadas			deco.addict82@example.com	Deco Addict
15		<input type="radio"/> Ver PDF tras exportarlo			addison.olson28@example.com	Deco Addict
16					douglas.fletcher51@example.com	Deco Addict
17					floyd.steward34@example.com	Deco Addict
18		Imagenes			Doris.cole.LoveSong@example.com	
19		<input type="radio"/> Compresión sin pérdidas			doris.cole31@example.com	
20		<input checked="" type="radio"/> Compresión JPEG Calidad:	90 %		eli.lambert22@example.com	
21		<input type="checkbox"/> Reducir resolución de imagen a:	300 DPI		ernest.reed47@example.com	
22					gemini.furniture39@example.com	
23		Marca de agua				
24		<input type="checkbox"/> Firmar con marca de agua				
25						
26						
27						
28						
29						
30						
31						
32						



Ejercicio 3.2 Parte D – Modalidades de instalación

d) Explica el concepto de nightly build.

Odoo nightly es una pagina que ofrece todos los paquetes para descargar Odoo en todas las versiones tanto Linux como Windows de forma estable.

Ejercicio 3.2 Parte E – Modalidades de instalación

e) Obtén el código de Odoo de nightly build.

El código de Odoo es : https://nightly.odoo.com/16.0/nightly/deb/odoo_16.0.latest_all.deb

Ejercicio 3.2 Parte F – Modalidades de instalación

f) Identifica y configura la instancia de PostgreSQL para que sea accesible desde cualquier equipo.

- Primero entramos en la carpeta de configuración de Postgresql

```
user01@srv03x:/$ sudo cp /etc/o
odoo/          opt/          os-release      overlayroot.conf
user01@srv03x:/$ sudo cp /etc/postgresql/
cp: missing destination file operand after '/etc/postgresql/'
Try 'cp --help' for more information.
user01@srv03x:/$ sudo cd /etc/postgresql/
sudo: cd: command not found
user01@srv03x:/$ cd /etc/postgresql/
user01@srv03x:/etc/postgresql$ ls
12
user01@srv03x:/etc/postgresql$ cd 12/
user01@srv03x:/etc/postgresql/12$ ls
main
user01@srv03x:/etc/postgresql/12$ cd main/
user01@srv03x:/etc/postgresql/12/main$ ls
conf.d  environment pg_ctl.conf pg_hba.conf pg_ident.conf postgresql.conf start.conf
user01@srv03x:/etc/postgresql/12/main$ _
```

- Configuramos el archivo postgresql.config

```
GNU nano 4.8                               postgresql.conf                         Modified
-----
# The default values of these variables are driven from the -D command-line
# option or PGDATA environment variable, represented here as ConfigDir.

data_directory = '/var/lib/postgresql/12/main'          # use data in another directory
                                                        # (change requires restart)
hba_file = '/etc/postgresql/12/main/pg_hba.conf'        # host-based authentication file
                                                        # (change requires restart)
ident_file = '/etc/postgresql/12/main/pg_ident.conf'    # ident configuration file
                                                        # (change requires restart)

# If external_pid_file is not explicitly set, no extra PID file is written.
external_pid_file = '/var/run/postgresql/12-main.pid'      # write an extra PID file
                                                        # (change requires restart)

-----
# CONNECTIONS AND AUTHENTICATION
-----

# - Connection Settings -
listen_addresses = '*'                                # what IP address(es) to listen on;
                                                       # comma-separated list of addresses;
                                                       # defaults to 'localhost'; use '*' for all
                                                       # (change requires restart)
port = 5432                                         # (change requires restart)
max_connections = 100                                 # (change requires restart)
superuser_reserved_connections = 3                  # (change requires restart)
unix_socket_directories = '/var/run/postgresql' # comma-separated list of directories
                                                       # (change requires restart)
unix_socket_group = ''                                # (change requires restart)

^G Get Help   ^O Write Out  ^W Where Is   ^K Cut Text   ^J Justify   ^C Cur Pos   M-U Undo
^X Exit      ^R Read File   ^X Replace    ^U Paste Text ^T To Spell   ^_ Go To Line M-E Redo
< >
```

- Reiniciamos el servicio

```
# Refer to the "Client Authentication" section in the PostgreSQL
# documentation for a complete description of this file. A short
# synopsis follows.
#
# This file controls: which hosts are allowed to connect, how clients
# are authenticated, which PostgreSQL user names they can use, which
# databases they can access. Records take one of these forms:
#
# local      DATABASE  USER  METHOD  [OPTIONS]
# host       DATABASE  USER  ADDRESS  METHOD  [OPTIONS]
# hostssl    DATABASE  USER  ADDRESS  METHOD  [OPTIONS]
# hostnoss1  DATABASE  USER  ADDRESS  METHOD  [OPTIONS]
# hostgssenc DATABASE  USER  ADDRESS  METHOD  [OPTIONS]
# hostnogssenc DATABASE  USER  ADDRESS  METHOD  [OPTIONS]
#
# (The uppercase items must be replaced by actual values.)
#
# The first field is the connection type: "local" is a Unix-domain
# socket, "host" is either a plain or SSL-encrypted TCP/IP socket,
# "hostssl" is an SSL-encrypted TCP/IP socket, and "hostnoss1" is a
# non-SSL TCP/IP socket. Similarly, "hostgssenc" uses a
# GSSAPI-encrypted TCP/IP socket, while "hostnogssenc" uses a
# non-GSSAPI socket.
#
# DATABASE can be "all", "sameuser", "samerole", "replication", a
# database name, or a comma-separated list thereof. The "all"
# keyword does not match "replication". Access to replication
# must be enabled in a separate record (see example below).
#
# USER can be "all", a user name, a group name prefixed with "+", or a

user01@srv03x:/etc/postgresql/12/main$ service postgresql restart
==== AUTHENTICATING FOR org.freedesktop.systemd1.manage-units ===
Authentication is required to restart 'postgresql.service'.
Authenticating as: Profesor (user01)
Password: _
```

```
# synopsis follows.
#
# This file controls: which hosts are allowed to connect, how clients
# are authenticated, which PostgreSQL user names they can use, which
# databases they can access. Records take one of these forms:
#
# local      DATABASE  USER  METHOD  [OPTIONS]
# host       DATABASE  USER  ADDRESS  METHOD  [OPTIONS]
# hostssl    DATABASE  USER  ADDRESS  METHOD  [OPTIONS]
# hostnoss1  DATABASE  USER  ADDRESS  METHOD  [OPTIONS]
# hostgssenc  DATABASE  USER  ADDRESS  METHOD  [OPTIONS]
# hostnogssenc DATABASE  USER  ADDRESS  METHOD  [OPTIONS]
#
# (The uppercase items must be replaced by actual values.)
#
# The first field is the connection type: "local" is a Unix-domain
# socket, "host" is either a plain or SSL-encrypted TCP/IP socket,
# "hostssl" is an SSL-encrypted TCP/IP socket, and "hostnoss1" is a
# non-SSL TCP/IP socket. Similarly, "hostgssenc" uses a
# GSSAPI-encrypted TCP/IP socket, while "hostnogssenc" uses a
# non-GSSAPI socket.
#
# DATABASE can be "all", "sameuser", "samerole", "replication", a
# database name, or a comma-separated list thereof. The "all"
# keyword does not match "replication". Access to replication
# must be enabled in a separate record (see example below).
#
# USER can be "all", a user name, a group name prefixed with "+", or a

user01@srv03x:/etc/postgresql/12/main$ service postgresql restart
==== AUTHENTICATING FOR org.freedesktop.systemd1.manage-units ===
Authentication is required to restart 'postgresql.service'.
Authenticating as: Profesor (user01)
Password:
==== AUTHENTICATION COMPLETE ===
user01@srv03x:/etc/postgresql/12/main$
```

- Vemos que este activo el servicio

```
user01@srv03x:/etc/postgresql/12/main$ service postgresql restart
==== AUTHENTICATING FOR org.freedesktop.systemd1.manage-units ===
Authentication is required to restart 'postgresql.service'.
Authenticating as: Profesor (user01)
Password:
==== AUTHENTICATION COMPLETE ===
user01@srv03x:/etc/postgresql/12/main$ service postgresql status
● postgresql.service - PostgreSQL RDBMS
  Loaded: loaded (/lib/systemd/system/postgresql.service; enabled; vendor preset: enabled)
  Active: active (exited) since Sat 2022-11-12 15:37:14 UTC; 21s ago
    Process: 69004 ExecStart=/bin/true (code=exited, status=0/SUCCESS)
   Main PID: 69004 (code=exited, status=0/SUCCESS)

Nov 12 15:37:14 srv03x systemd[1]: Starting PostgreSQL RDBMS...
Nov 12 15:37:14 srv03x systemd[1]: Finished PostgreSQL RDBMS.
user01@srv03x:/etc/postgresql/12/main$
```

- Ahora configuramos el archivo pg_hba.conf

```
GNU nano 4.8                               pg_hba.conf                                Modified
# -----
#
# If you want to allow non-local connections, you need to add more
# "host" records. In that case you will also need to make PostgreSQL
# listen on a non-local interface via the listen_addresses
# configuration parameter, or via the -i or -h command line switches.
#
#
# DO NOT DISABLE!
# If you change this first entry you will need to make sure that the
# database superuser can access the database using some other method.
# Noninteractive access to all databases is required during automatic
# maintenance (custom daily cronjobs, replication, and similar tasks).
#
# Database administrative login by Unix domain socket
local   all            postgres                      peer
#
# TYPE  DATABASE        USER        ADDRESS             METHOD
#
# "local" is for Unix domain socket connections only
local   all            all                            peer
# IPv4 local connections:
host    all            all      127.0.0.1/32       md5
host    all            all      all                 md5
# IPv6 local connections:
host    all            all      ::1/128           md5
# Allow replication connections from localhost, by a user with the
# replication privilege.
local   replication   all                            peer
host    replication   all      127.0.0.1/32       md5
host    replication   all      ::1/128           md5

^G Get Help  ^O Write Out  ^W Where Is   ^K Cut Text  ^J Justify  ^C Cur Pos  M-U Undo
^X Exit      ^R Read File  ^Y Replace   ^U Paste Text ^T To Spell  ^L Go To Line M-E Redo
```

- Reiniciamos el servicio de nuevo y comprobamos

```
user01@srv03x:/etc/postgresql/12/main$ service postgresql restart
==== AUTHENTICATING FOR org.freedesktop.systemd1.manage-units ===
Authentication is required to restart 'postgresql.service'.
Authenticating as: Profesor (user01)
Password: _
```

```
user01@srv03x:/etc/postgresql/12/main$ service postgresql restart
==== AUTHENTICATING FOR org.freedesktop.systemd1.manage-units ===
Authentication is required to restart 'postgresql.service'.
Authenticating as: Profesor (user01)
Password:
==== AUTHENTICATION COMPLETE ===
user01@srv03x:/etc/postgresql/12/main$
```

```
user01@srv03x:/etc/postgresql/12/main$ service postgresql restart
==== AUTHENTICATING FOR org.freedesktop.systemd1.manage-units ===
Authentication is required to restart 'postgresql.service'.
Authenticating as: Profesor (user01)
Password:
==== AUTHENTICATION COMPLETE ====
user01@srv03x:/etc/postgresql/12/main$ service postgresql status
● postgresql.service - PostgreSQL RDBMS
    Loaded: loaded (/lib/systemd/system/postgresql.service; enabled; vendor preset: enabled)
      Active: active (exited) since Sat 2022-11-12 15:40:27 UTC; 6s ago
        Process: 69069 ExecStart=/bin/true (code=exited, status=0/SUCCESS)
      Main PID: 69069 (code=exited, status=0/SUCCESS)

Nov 12 15:40:27 srv03x systemd[1]: Starting PostgreSQL RDBMS...
Nov 12 15:40:27 srv03x systemd[1]: Finished PostgreSQL RDBMS.
user01@srv03x:/etc/postgresql/12/main$ _
```

- Entramos en el usuario postgres y cambiamos contraseña

```
user01@srv03x:$ su postgres
Password:
su: Authentication failure
user01@srv03x:$ sudo passwd postgres
New password:
Retype new password:
passwd: password updated successfully
user01@srv03x:$ su postgres
Password:
postgres@srv03x:$
```

- Entramos en modo psql

```
postgres@srv03x:$ psql
psql (12.12 (Ubuntu 12.12-0ubuntu0.20.04.1))
Type "help" for help.

postgres=#
```

- Comprobamos que tenemos bases de datos y entramos a una de ellas

```
postgres=# \l
              List of databases
   Name    |  Owner   | Encoding | Collate |  Ctype   | Access privileges
----+-----+-----+-----+-----+-----+
postgres | postgres | UTF8    | C.UTF-8 | C.UTF-8 | =c/postgres
template0 | postgres | UTF8    | C.UTF-8 | C.UTF-8 | =c/postgres=CTc/postgres
template1 | postgres | UTF8    | C.UTF-8 | C.UTF-8 | =c/postgres=CTc/postgres
(3 rows)

postgres=# \c template1
You are now connected to database "template1" as user "postgres".
template1=#
```

- Damos encriptación a la contraseña del usuario postgres

```
template1=# ALTER USER postgres with encrypted password 'admin';
ALTER ROLE
template1=#
< >
```

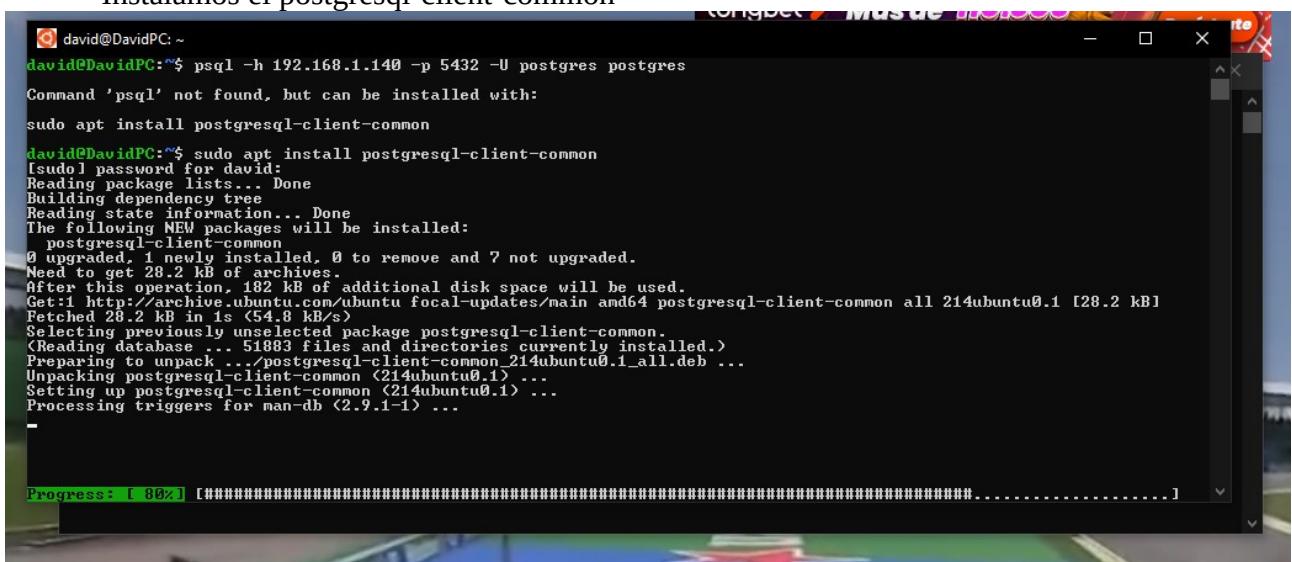
- Comprobamos la ip que tenemos en la maquina

```
user01@srv03x:/$ ip addr
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
        inet 127.0.0.1/8 scope host lo
            valid_lft forever preferred_lft forever
        inet6 ::1/128 scope host
            valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:7e:77:b3 brd ff:ff:ff:ff:ff:ff
        inet 192.168.1.140/24 brd 192.168.1.255 scope global dynamic enp0s3
            valid_lft 83357sec preferred_lft 83357sec
        inet6 fe80::a00:27ff:fe7e:77b3/64 scope link
            valid_lft forever preferred_lft forever
user01@srv03x:/$
```

- Entramos en otra maquina y intentamos acceder a la ip del servidor



- Instalamos el postgresql-client-common



- Volvemos a comprobar que entremos e instalamos postgresql-client diferente al common

```

dd: (david@DavidPC: ~)
david@DavidPC:~$ sudo apt install postgresql-client-common
Reading package lists... Done
Building dependency tree
Reading state information... Done
postgresql-client-common is already the newest version (214ubuntu0.1).
0 upgraded, 0 newly installed, 0 to remove and 11 not upgraded.
dd: Ex david@DavidPC:~$ sudo -h 192.168.1.140 -p 5432 -U postgres admin
Error: You must install at least one postgresql-client-<version> package
david@DavidPC:~$ sudo apt install postgresql-client
lsudo! password for david:
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
libpq5 postgresql-client-12
Suggested packages:
postgresql-12 postgresql-doc-12
The following NEW packages will be installed:
libpq5 postgresql-client postgresql-client-12
0 upgraded, 3 newly installed, 0 to remove and 11 not upgraded.
Need to get 1172 kB of archives.
After this operation, 4258 kB of additional disk space will be used.
Do you want to continue? [Y/n] y

```

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Profes
Ricardo
Sistemas Operativos ISOS
Sueldo creciente para el día

Una vez terminada la instalación, ahora ya si nos deja entrar remotamente al servidor

```

Preparing to unpack .../libpq5_12.12-0ubuntu0.20.04.1_amd64.deb ...
Unpacking libpq5:amd64 <12.12-0ubuntu0.20.04.1> ...
Selecting previously unselected package postgresql-client-12.
Preparing to unpack .../postgresql-client-12_12.12-0ubuntu0.20.04.1_amd64.deb ...
Unpacking postgresql-client-12 <12.12-0ubuntu0.20.04.1> ...
Selecting previously unselected package postgresql-client.
Preparing to unpack .../postgresql-client_12+214ubuntu0.1_all.deb ...
Unpacking postgresql-client <12+214ubuntu0.1> ...
Setting up libpq5:amd64 <12.12-0ubuntu0.20.04.1> ...
Setting up postgresql-client <12+214ubuntu0.1> ...
Processing triggers for libc-bin <2.31-0ubuntu9.9> ...
david@DavidPC:~$ psql -h 192.168.1.140 -p 5432 -U postgres postgres
Password for user postgres:
psql <12.12 <Ubuntu 12.12-0ubuntu0.20.04.1>
SSL connection (protocol: TLSv1.3, cipher: TLS_AES_256_GCM_SHA384, bits: 256, compression: off)
Type "help" for help.
postgres=#

```

- Realizamos lo mismo que en la maquina del servidor anteriormente para comprobar que estemos dentro de ella y comprobamos.

```

escal david@DavidPC: ~
david@DavidPC:~$ Selecting previously unselected package postgresql-client.
Preparing to unpack .../postgresql-client_12+214ubuntu0.1_all.deb ...
Unpacking postgresql-client <12+214ubuntu0.1> ...
Setting up libpq5:amd64 <12.12-0ubuntu0.20.04.1> ...
Setting up postgresql-client-12 <12.12-0ubuntu0.20.04.1> ...
update-alternatives: using /usr/share/postgresql/12/man/man1/pgsql.1.gz to provide /usr/share/man/man1/pgsql.1.gz <pgsql.1.gz> in auto mode
Setting up postgresql-client <12+214ubuntu0.1> ...
Processing triggers for libc-bin <2.31-0ubuntu9.9> ...
david@DavidPC:~$ psql -h 192.168.1.140 -p 5432 -U postgres postgres
Password for user postgres:
psql <12.12 <Ubuntu 12.12-0ubuntu0.20.04.1>
SSL connection (protocol: TLSv1.3, cipher: TLS_AES_256_GCM_SHA384, bits: 256, compression: off)
Type "help" for help.
postgres=#
postgres=# \c template1
SSL connection (protocol: TLSv1.3, cipher: TLS_AES_256_GCM_SHA384, bits: 256, compression: off)
You are now connected to database "template1" as user "postgres".
postgres=# \l
          List of databases
   Name    | Owner     | Encoding | Collate | Ctype | Access privileges
postgres | postgres  | UTF8     | C.UTF-8 | C.UTF-8 | =c/postgres +
template0 | postgres  | UTF8     | C.UTF-8 | C.UTF-8 | =c/postgres=CTc/postgres +
template1 | postgres  | UTF8     | C.UTF-8 | C.UTF-8 | =c/postgres +
postgres=#
postgres=# \q

```

Ejercicio 3.3 Parte A – Tipos de módulos

a) Estudia qué sentido tiene una solución ERP para un profesional independiente, como un médico.

Pueden llevar registros exactos de todos los materiales en uso, conocer las actualizaciones de stock de forma automática, ordenar reemplazos con la máxima agilidad y mejorar los abastecimientos para cada centro de salud.

Ejercicio 3.3 Parte B – Tipos de módulos

b) ¿Existen operaciones de venta? ¿Tendría sentido el uso de un módulo de compras? ¿Qué otros módulos pueden considerarse de aplicación a este entorno?

¿Existen operaciones de venta?	Si, las operaciones de ventas consisten en apoyar y permitir que los equipos de ventas de primera línea vendan de manera más eficiente y eficaz al ofrecer una ruta estratégica y reducir la fricción en el proceso de ventas
¿Tendría sentido el uso de un módulo de compras?	La instalación de un módulo de compras supone un avance significativo en la gestión de los pedidos y de la facturación correspondiente a los mismos. Desde luego, es un paso importante en la agilización de los procesos de venta de productos, consiguiendo reducir significativamente el tiempo dedicado a estos procesos
¿Qué otros módulos pueden considerarse de aplicación a este entorno?	-Modulo de Recursos Humanos -Modulo de Inventario -Modulo de la gestión de la cadena de suministros -Modulo del ERP Financiero

Ejercicio 3.3 Parte C – Tipos de módulos

c) Averigua si existen soluciones verticales y compara sus particularidades con un ERP estándar.

ERP Solución Vertical	ERP Solución Estándar
-Se adapta muy fácil a la hora de abordar los procesos mas específicos típicos de empresas que operan en sectores nicho	-Acceder a sus herramientas es mucho mas sencillo que en una solución vertical
-Las actualizaciones que vaya recibiendo no serán continuas, sino inherentes a los cambios del nicho en el que opere nuestra empresa.	-Sus creadores lo irán actualizando mas a menudo
-Es para un tipo de negocio en concreto	-Se usa en la gran mayoría de empresas