

Especificação Técnica - RPA_SUP_01

Documento utilizado para definição e desenho do exercício proposto pelo Automation Anywhere para a certificação "Automation Anywhere Advanced RPA Developer – 360"

Histórico de mudanças

Data	Versão	Mudanças realizadas
21/01/2024	1.0	Criação da especificação técnica
24/01/2024	1.1	Organização das steps no código Renomeação de variáveis (legibilidade) Inclusão de Script Python para gerar logs

1. Introdução

1.1. Resumo do processo

O RPA realiza consultas dentro de um site contendo todas as ordens de compras associadas a um representante. Após isso, preenche os campos de um formulário com os dados e realiza o envio.

2. Descrição detalhada do processo

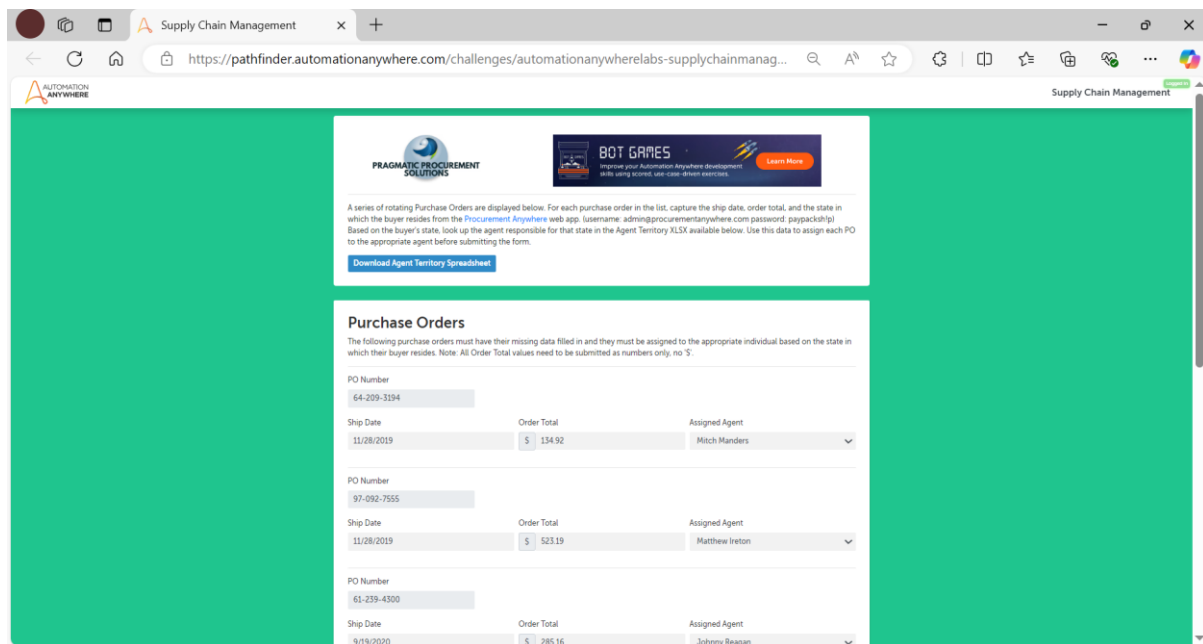
2.1. Informações importantes

- É necessário possuir uma conta de usuário no Automation Anywhere University para consumir os sites utilizados.
- Não é possível compartilhar o código com terceiros. O vídeo mostrando o passo a passo está disponível no repositório.

Para criar uma conta gratuita no Automation Anywhere University, acesse o link: [Criar conta](#)

Acesse o link para verificar o vídeo da solução desenvolvida:

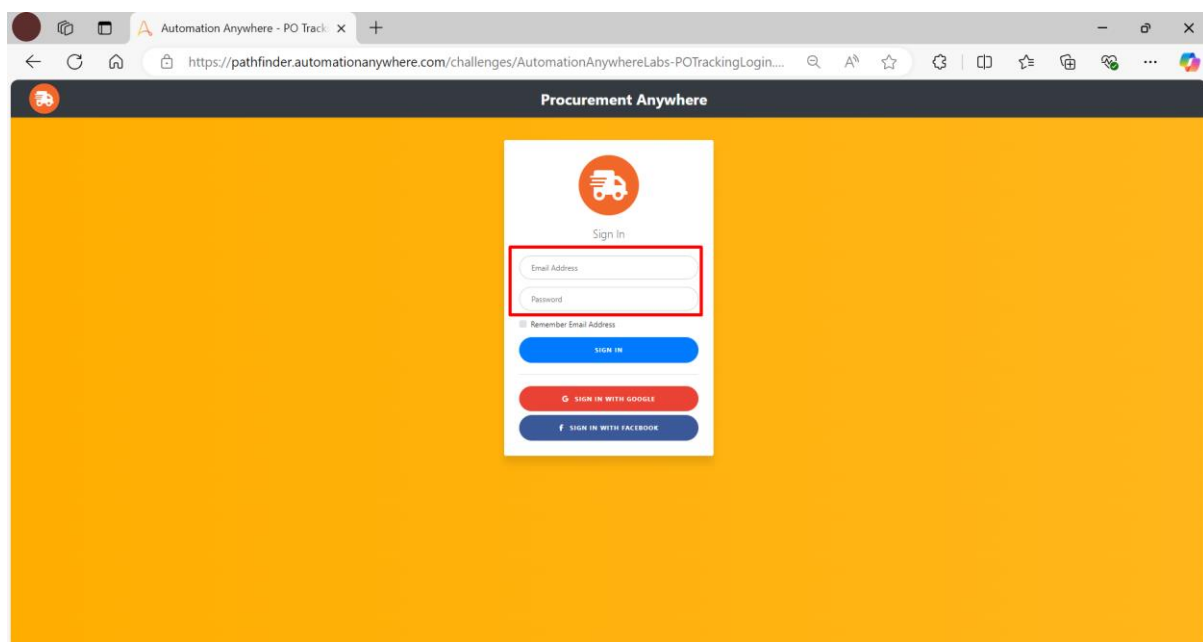
2.2. Ferramentas utilizadas



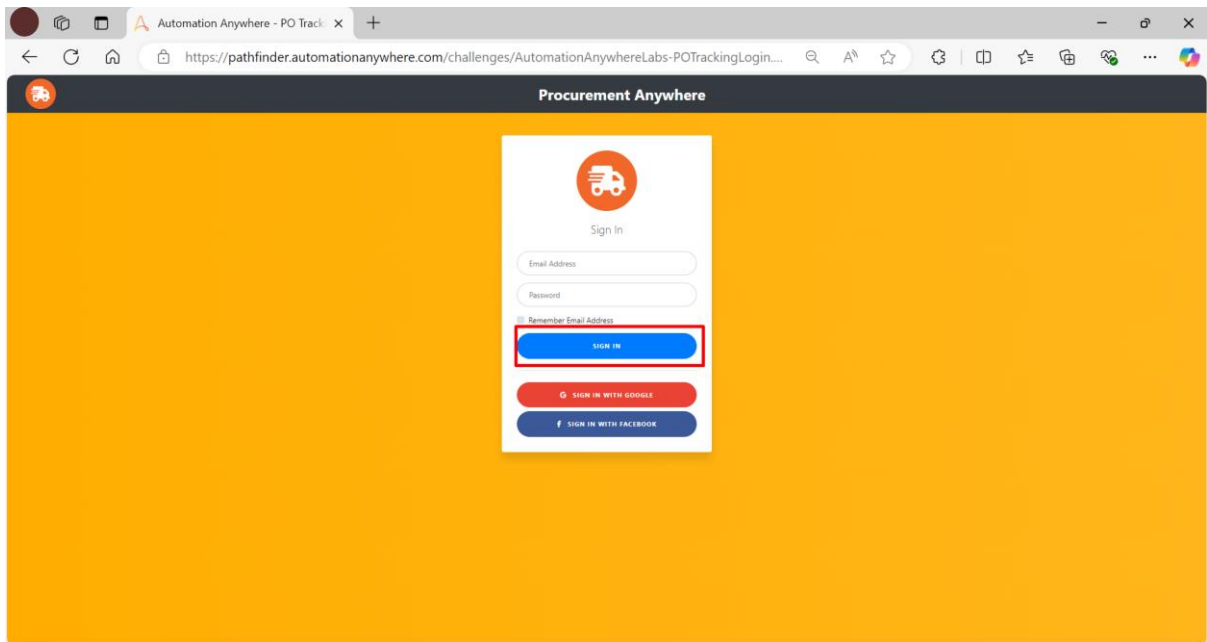
3.2. Acessar site de pesquisa de rastreamento de PO

[RF001] inserir o endereço de e-mail e senha do PO que está acessando o site.

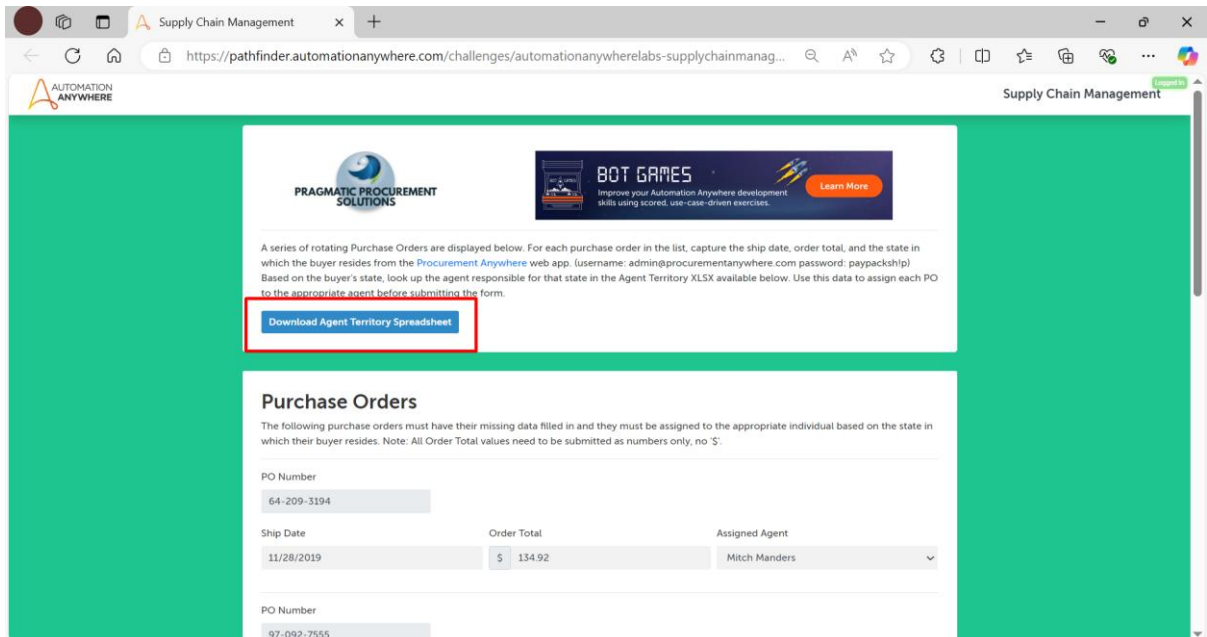
Link de acesso: [Login](#)



Selecionar o botão "Sign in" para logar no site.

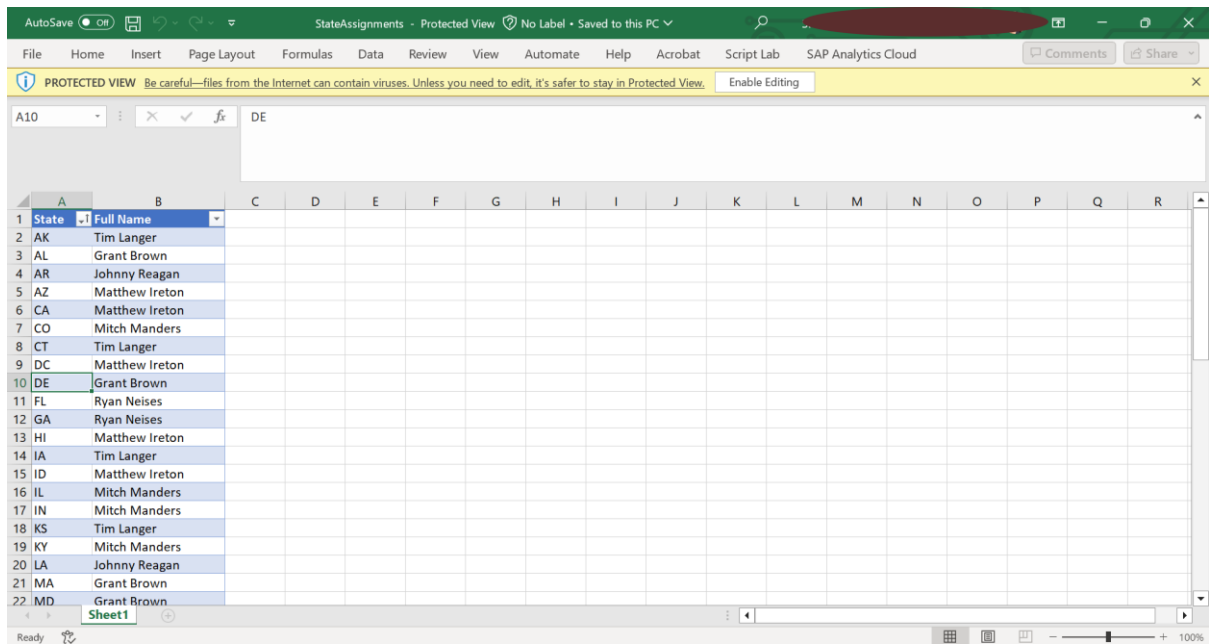


[RF002] Clicar sobre o botão “Download Agent Territory Spreadsheet”.



3.3. Excel

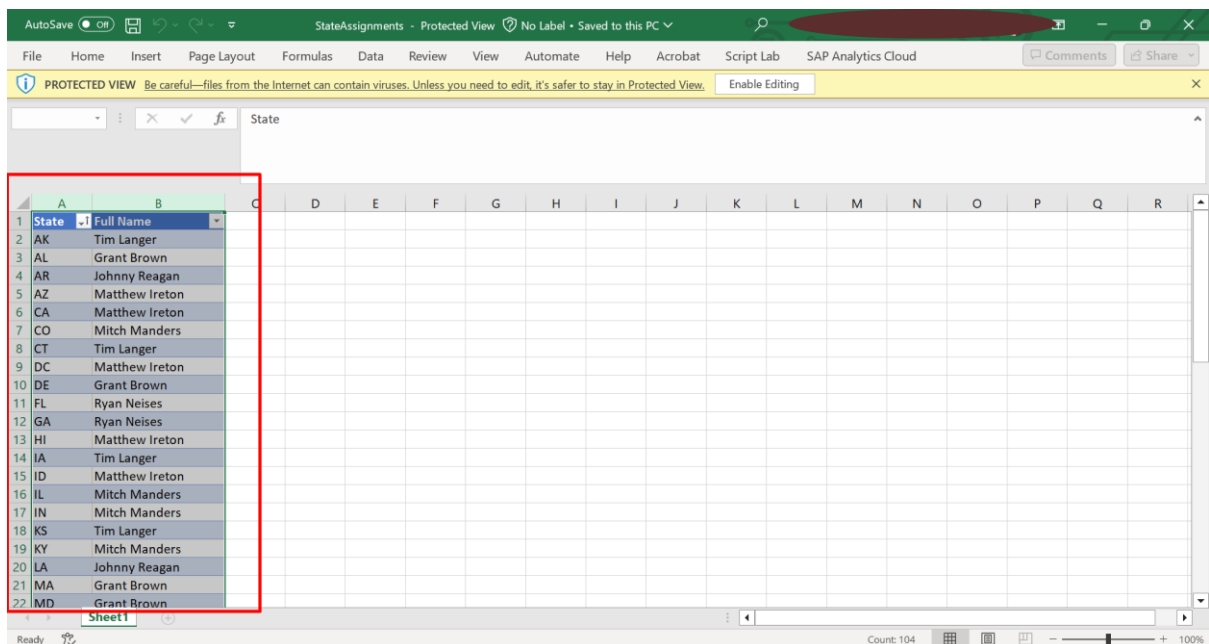
[RN001] Abrir o arquivo “StateAssignments” no Excel Desktop.



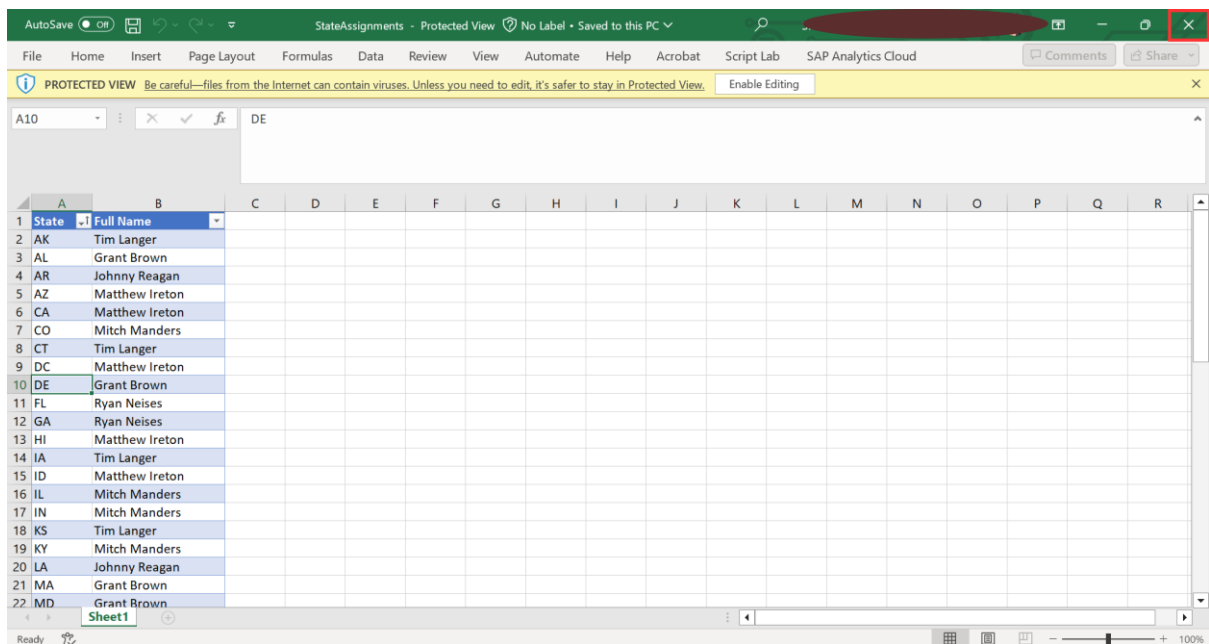
Para cada linha do arquivo, coletar todas as informações e realizar um DE x PARA para um dicionário da seguinte forma:

State > Chave

Full Name > Valor



Fechar arquivo Excel e seguir para o passo 4.0.



4.0 Acessar informações dos pedidos

4.1. Capturar o número do PO

Capturar e armazenar o valor de cada número de PO encontrado dentro de uma variável.

Purchase Orders

The following purchase orders must have their missing data filled in and they must be assigned to the appropriate individual based on the state in which their buyer resides. Note: All Order Total values need to be submitted as numbers only, no "\$".

PO Number 46-900-0085	Ship Date	Order Total \$	Assigned Agent Agent
PO Number 52-640-9389	Ship Date	Order Total \$	Assigned Agent Agent
PO Number 05-778-8744	Ship Date	Order Total \$	Assigned Agent Agent

4.2. Pesquisar número de PO

[RF003] Inserir no campo “Search” o valor do número de PO capturado anteriormente na etapa 4.1.

Use this Purchase Order Tracking page in conjunction with Automation Anywhere exercises to learn to use bots to search for data, and extract data from multiple pages.

Purchase Orders

Company XYZ purchase orders are all logged below. Please use the search and sorting capabilities to find the appropriate details for each order.



Show 10 entries

Search:

PO Number	Buyer Org	Buyer Address	City	State	Zip	Ship Date	Order Total	Customer Contact
00-109-9027	Bernier Inc	7 Debra Circle	Sioux Falls	SD	48167	6/28/2020	\$775.24	zkaleycu@unblog.fr
00-149-0117	Kilback and Sons	8888 Coolidge Center	Chicago	IL	59495	11/9/2019	\$605.17	dheggadonpi@slashdot.org
00-361-2706	Welch Group	38414 Dryden Plaza	Roanoke	VA	80100	10/24/2019	\$53.60	dstapford5i@spiegel.de

4.3. Capturar estado

Após o carregamento da tabela contendo as informações do PO, obter o estado do PO.

**Procurement Anywhere**

Purchase Order Tracking

Use this Purchase Order Tracking page in conjunction with Automation Anywhere exercises to learn to use bots to search for data, and extract data from multiple pages.

Purchase Orders

Company XYZ purchase orders are all logged below. Please use the search and sorting capabilities to find the appropriate details for each order.

Show 10 entries

Search: 91-103-2358

PO Number	Buyer Org	Buyer Address	City	State	Zip	Ship Date	Order Total	Customer Contact
91-103-2358	Flatley Group	4409 Brown Point	Las Vegas	NV	89102	10/4/2020	\$764.98	pavramovskiyb@fastcompany.com

Showing 1 to 1 of 1 entries (filtered from 1,000 total entries)

First 1 Last

Verificar o valor do estado encontrado dentro do dicionário **dEstadosRepresentantes**. Após isso, seguir para a próxima etapa.

4.4. Selecionar representante

[RF004] Expandir a combo box “Assigned Agent” e selecionar o representante de acordo com o valor capturado na etapa 4.3.

Supply Chain Management

Purchase Orders

The following purchase orders must have their missing data filled in and they must be assigned to the appropriate individual based on the state in which their buyer resides. Note: All Order Total values need to be submitted as numbers only, no '\$'.

PO Number
 46-900-0085

Ship Date

Order Total
 \$

Assigned Agent
 Agent
 Agent
 Grant Brown
 Johnny Reagan
 Matthew Ireton
 Mitch Manders
 Ryan Neises
 Tim Langer

PO Number
 52-640-9389

Ship Date

Order Total
 \$

PO Number
 05-778-8744

Ship Date

Order Total
 \$

Assigned Agent
 Agent

4.5. Capturar data da compra

Obter na tabela o valor correspondente à data da compra.

Log out

Purchase Order Tracking

Use this Purchase Order Tracking page in conjunction with Automation Anywhere exercises to learn to use bots to search for data, and extract data from multiple pages.

Purchase Orders

Company XYZ purchase orders are all logged below. Please use the search and sorting capabilities to find the appropriate details for each order.

Show 10 entries

PO Number	Buyer Org	Buyer Address	City	State	Zip	Ship Date	Order Total	Customer Contact
00-149-0117	Kilback and Sons	8888 Coolidge Center	Chicago	IL	59495	11/9/2019	\$05.17	dheggadonpi@slashdot.org

Showing 1 to 1 of 1 entries (filtered from 1,000 total entries)

First 1 Last

[RF003] [RN002] Inserir valor dentro do campo “Ship Date”.

Supply Chain Management

Purchase Orders

The following purchase orders must have their missing data filled in and they must be assigned to the appropriate individual based on the state in which their buyer resides. Note: All Order Total values need to be submitted as numbers only, no '\$'.

PO Number
 46-900-0085

Ship Date

Order Total
 \$

Assigned Agent
 Agent

PO Number
 52-640-9389

Ship Date

Order Total
 \$

Assigned Agent
 Agent

PO Number
 05-778-8744

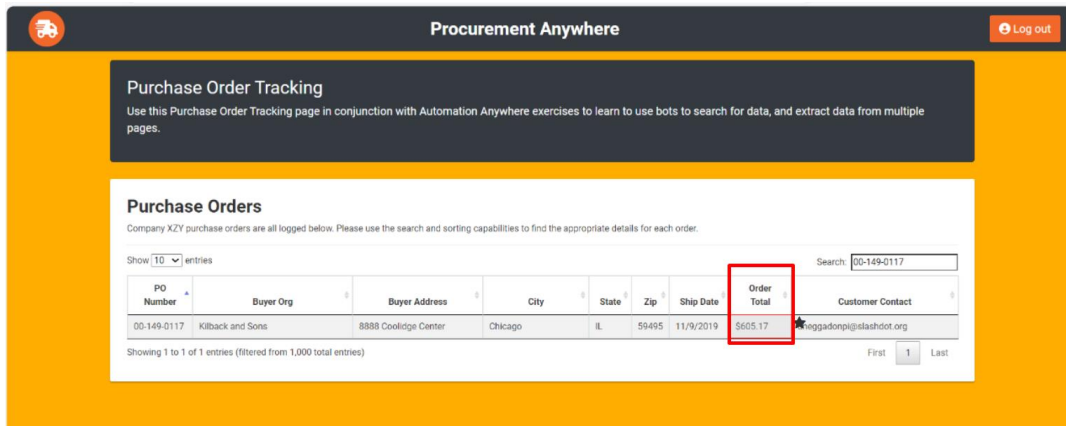
Ship Date

Order Total
 \$

Assigned Agent
 Agent

4.5. Capturar total da compra

Obter na tabela o valor total da compra.



Procurement Anywhere Log out

Purchase Order Tracking
Use this Purchase Order Tracking page in conjunction with Automation Anywhere exercises to learn to use bots to search for data, and extract data from multiple pages.

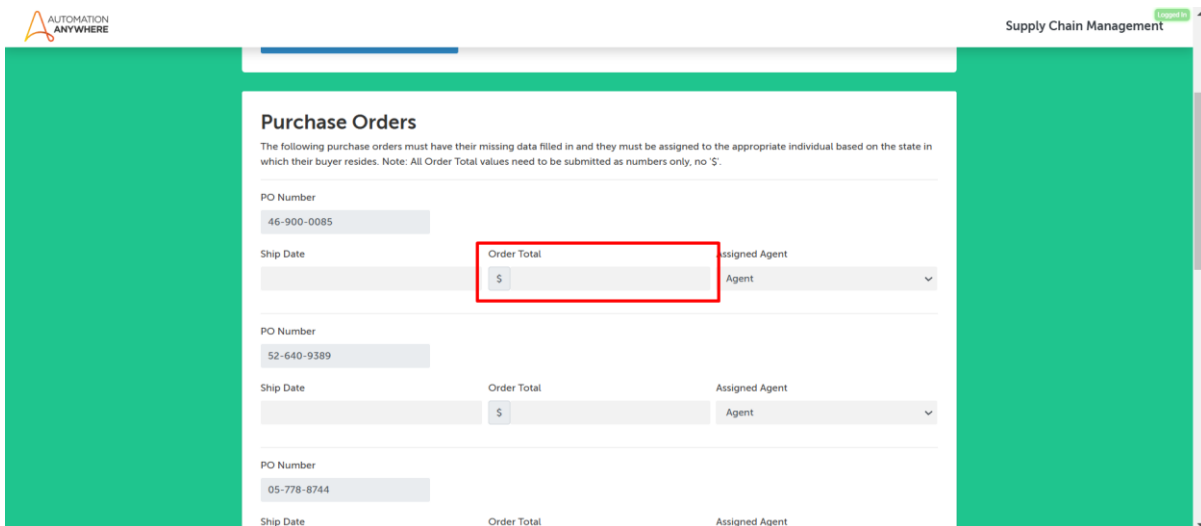
Purchase Orders
Company XYZ purchase orders are all logged below. Please use the search and sorting capabilities to find the appropriate details for each order.

Show 10 entries Search: 00-149-0117

PO Number	Buyer Org	Buyer Address	City	State	Zip	Ship Date	Order Total	Customer Contact
00-149-0117	Kilback and Sons	8888 Coolidge Center	Chicago	IL	59495	11/9/2019	\$605.17	aggadonpi@stahdot.org

Showing 1 to 1 of 1 entries (filtered from 1,000 total entries) First 1 Last

[RF003] Inserir valor dentro do campo “Order Total”.



Automation ANYWHERE Supply Chain Management

Purchase Orders
The following purchase orders must have their missing data filled in and they must be assigned to the appropriate individual based on the state in which their buyer resides. Note: All Order Total values need to be submitted as numbers only, no '\$'.

PO Number: 46-900-0085

Ship Date: Order Total: \$ Assigned Agent: Agent

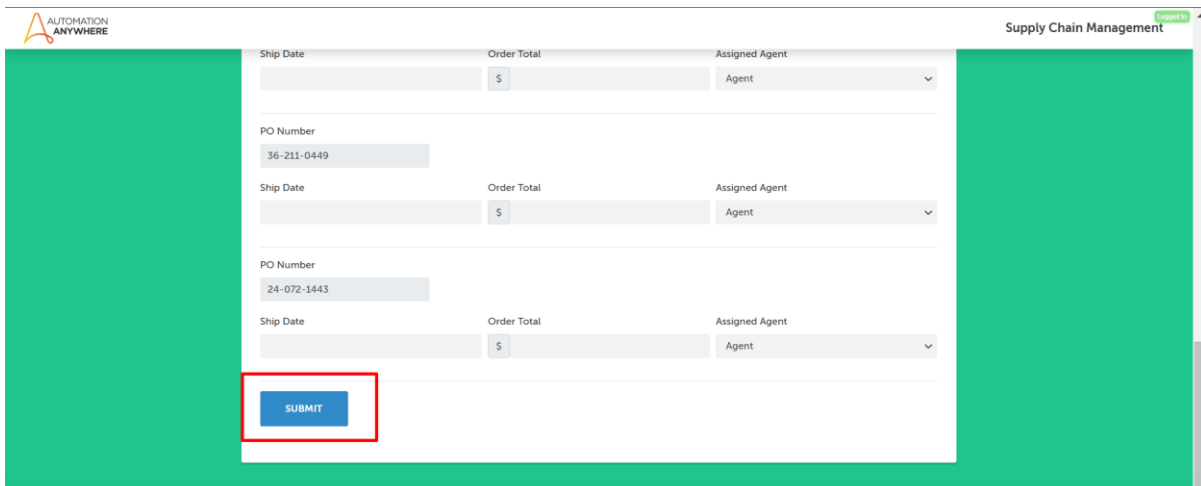
PO Number: 52-640-9389

Ship Date: Order Total: \$ Assigned Agent: Agent

PO Number: 05-778-8744

Ship Date: Order Total: Assigned Agent:

[RF005] Clicar sobre o botão “Submit”, localizado ao final da página.



Automation ANYWHERE Supply Chain Management

Ship Date: Order Total: \$ Assigned Agent: Agent

PO Number: 36-211-0449

Ship Date: Order Total: \$ Assigned Agent: Agent

PO Number: 24-072-1443

Ship Date: Order Total: \$ Assigned Agent: Agent

SUBMIT

5. Requisitos funcionais

ID	Descrição do requisito
RF001	Permitir Login do usuário com as credenciais de acesso.
RF002	Realizar o download do arquivo contendo os estados e representantes.
RF003	Permitir a entrada de dados nos campos de input.
RF004	Permitir a seleção de dados nos campos de lista de seleção única.
RF005	Submeter dados de ordens de compras no formulário.

6. Regras de negócio

ID	Descrição da regra
RN001	Cada estado deve possuir um representante.
RN002	O valor total da compra deve conter apenas números inteiros, sem o cifrão.