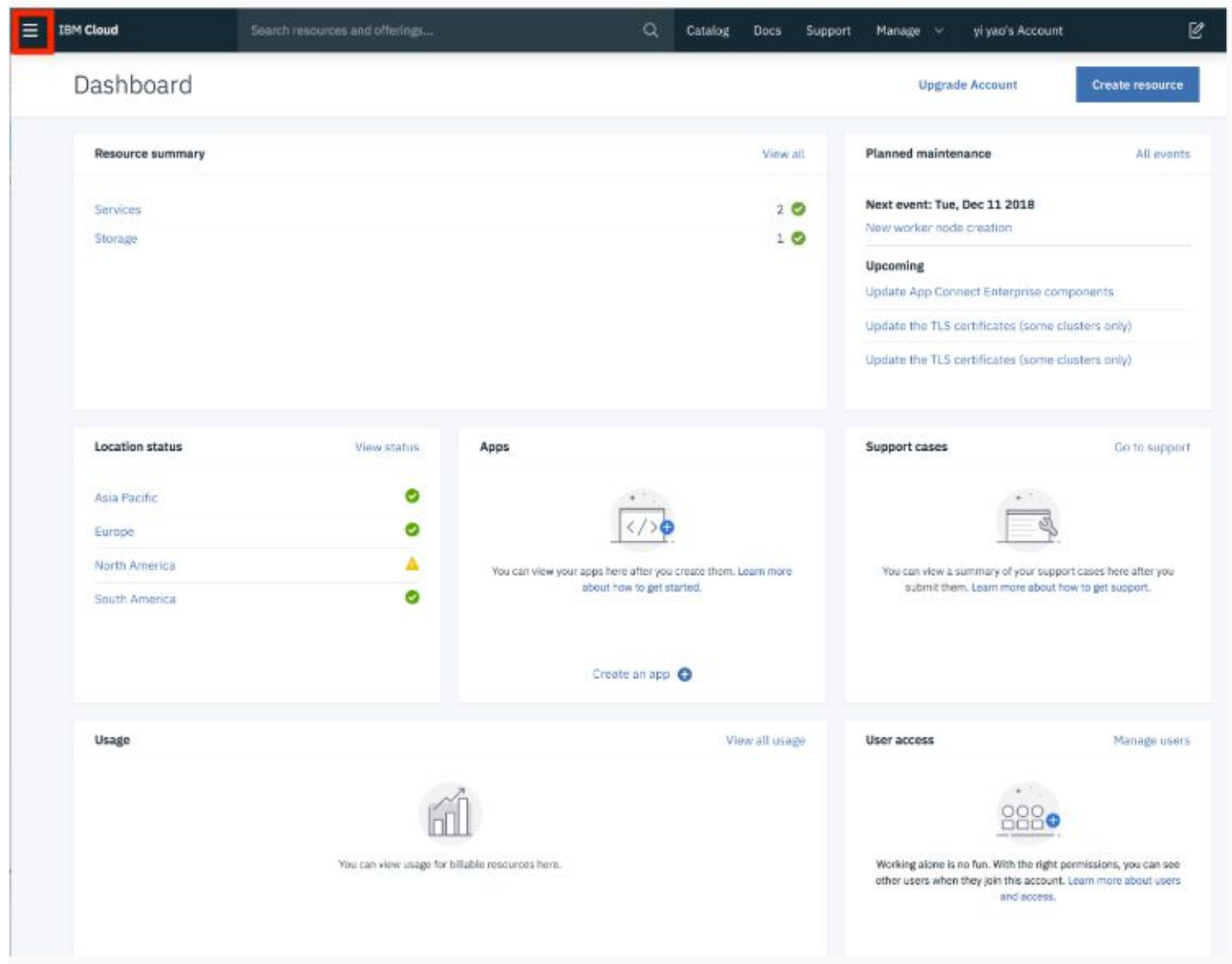


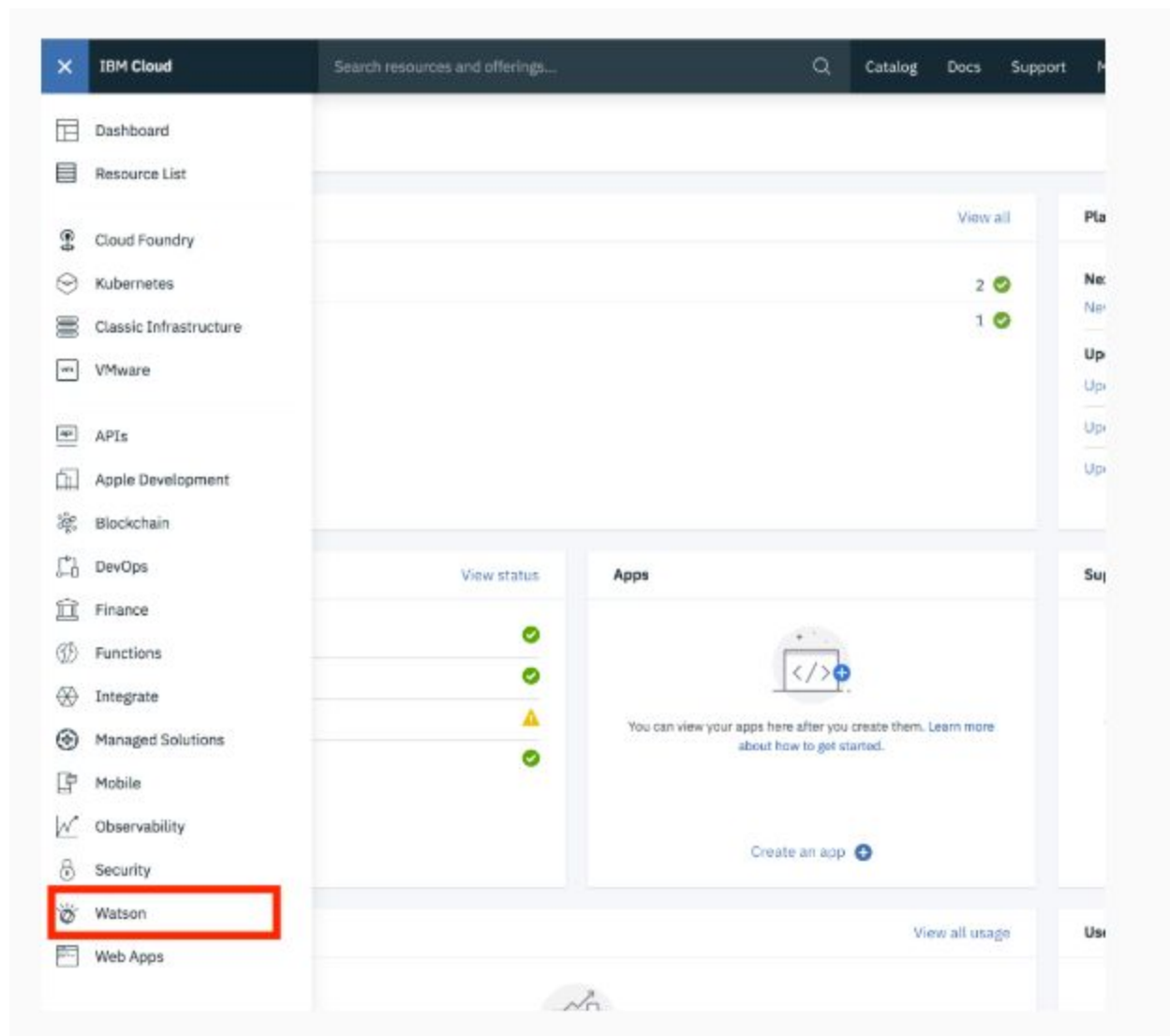
Si no ha creado un servicio de Watson antes, vaya al paso 1; de lo contrario, vaya al paso 2:

Paso 1: para un nuevo usuario (sin servicio de Watson):

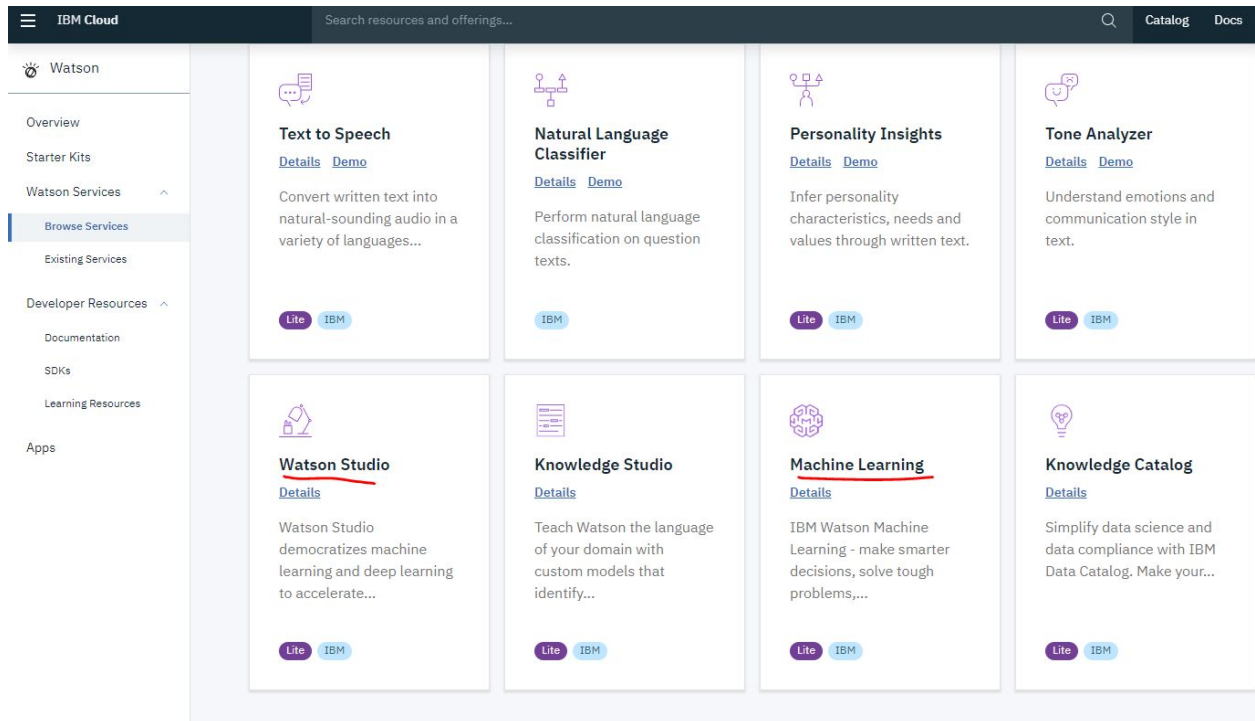
Para este proyecto, utilizará IBM Watson Studio del capítulo anterior. Una vez que [inicie sesión](#) y presione continuar, verá la pantalla en la figura a continuación, haga clic en el icono en el cuadro rojo:



Luego haga clic en "Watson", el enlace está en rojo como se muestra a continuación:



Luego haga clic en "Examinar servicios" y mientras se desplaza hacia abajo, hay una opción "Watson Studio - Lite".



Complete los detalles necesarios para crear un "servicio Watson" utilizando el plan Lite y haga clic en "Crear".

← View all

## Watson Studio

Lite • IBM

Watson Studio democratizes machine learning and deep learning to accelerate infusion of AI in your business to drive innovation. Watson Studio provides a suite of tools and a collaborative environment for data scientists, developers and domain experts.

[View Docs](#) [Terms](#)

AUTHOR	IBM
PUBLISHED	05/24/2019
TYPE	Service

**Service name:**

Watson Studio-18

**Choose a region/location to deploy in:**

London

**Select a resource group:**

Default

**Tags:**

Examples: env:dev, version-1

### Features

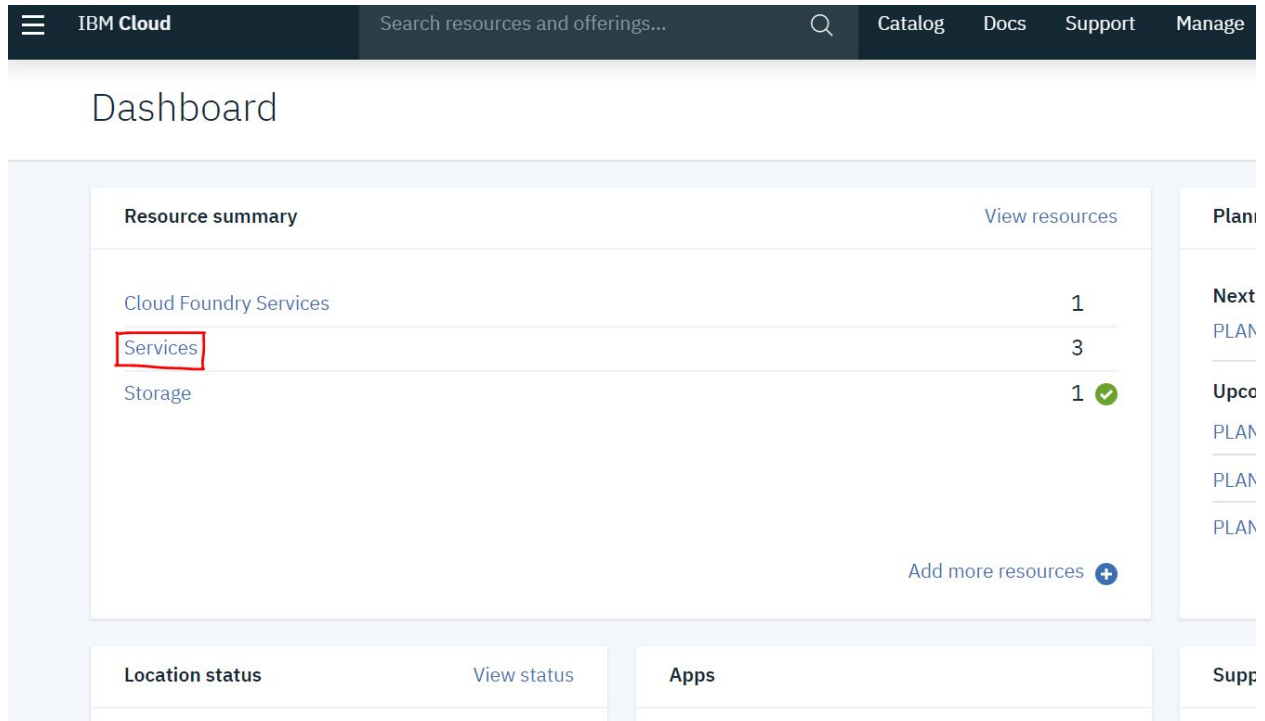
- **Use what you know, learn what you don't**  
Start from a tutorial, start from a sample, or start from scratch. Tap into the power of the best of open source (RStudio, Jupyter Notebooks) and Watson services for flexible model creation. Use Python, R, or Scala. [Stop downloading and configuring analysis environments and start](#)
- **Power on demand**  
Enterprise-scale features on demand. From data exploration and preparation, to enterprise-scale performance. Manage your data, your analytical assets, and your projects in a secured cloud environment.

Need Help?  
[Contact IBM Cloud Support](#)

[Add to estimate](#) [Create](#)

Después de crear un servicio, continúe desde el Paso 2.

Paso 2: para el usuario existente (que ya tiene el servicio Watson): vaya a IBM Cloud Dashboard y haga clic en "Servicios".



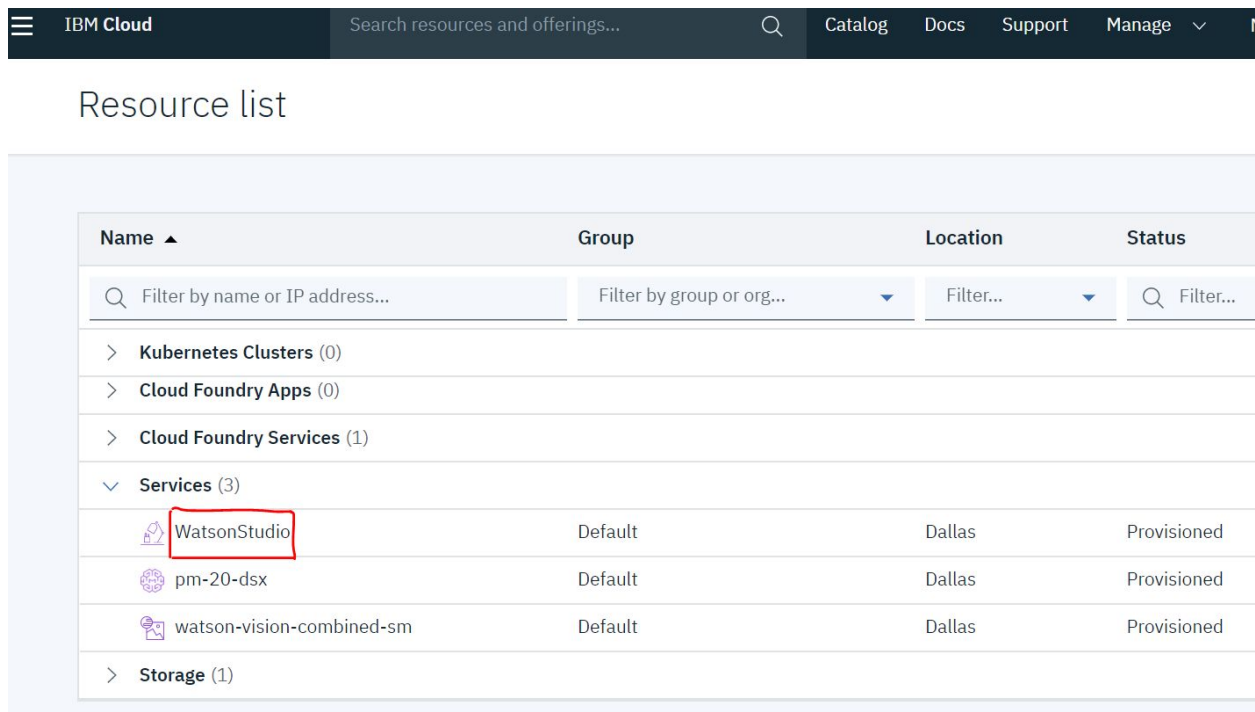
The screenshot shows the IBM Cloud Dashboard. At the top is a dark navigation bar with the IBM Cloud logo, a search bar, and links for Catalog, Docs, Support, and Manage. Below the navigation bar is the 'Dashboard' title. The main content area features a 'Resource summary' section with a 'View resources' link. This section contains a table with three rows: 'Cloud Foundry Services' with a count of 1, 'Services' with a count of 3 (highlighted with a red box), and 'Storage' with a count of 1 and a green checkmark. To the right of this table is a vertical sidebar with links for 'Plan', 'Next PLAN', 'Upco PLAN', 'PLAN', and 'PLAN'. At the bottom of the 'Resource summary' section is a link 'Add more resources' with a plus icon. Below this section are two more sections: 'Location status' with a 'View status' link, and 'Apps' with a 'Supp' link.

Resource summary	View resources
Cloud Foundry Services	1
Services	3
Storage	1 ✓

Add more resources +

Location status View status Apps Supp

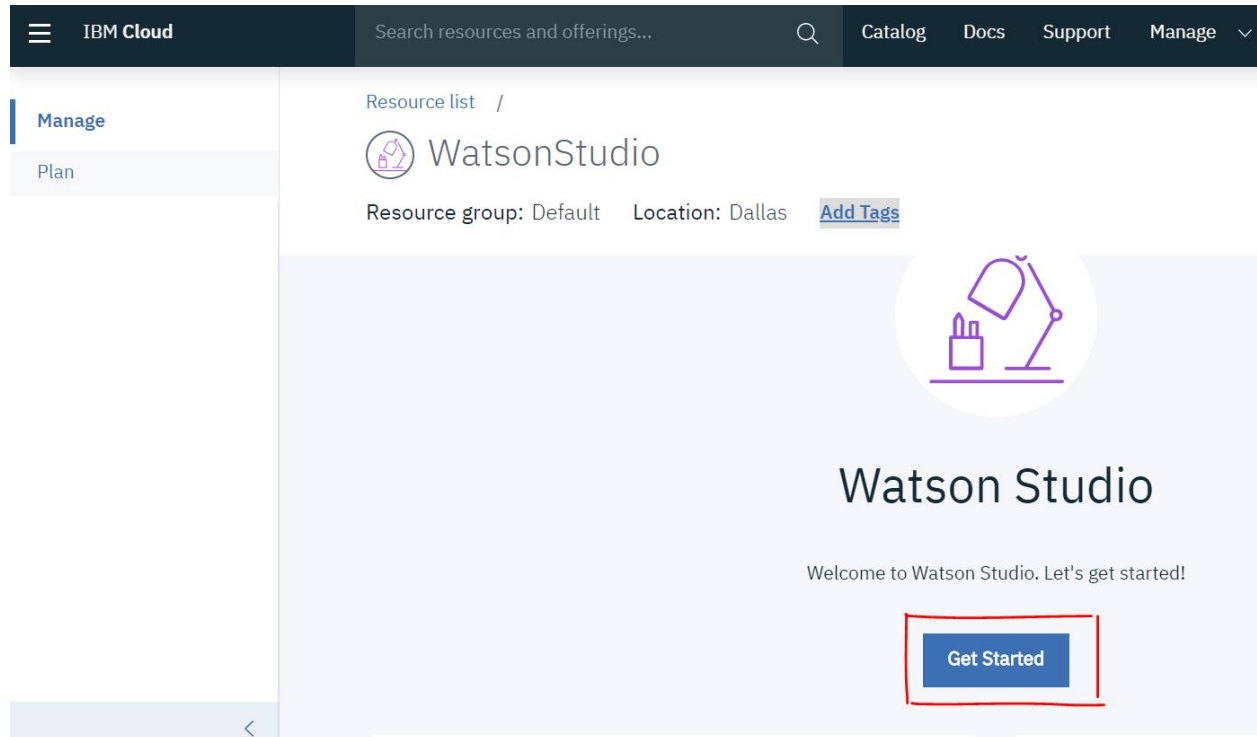
Al hacer clic en "servicio", todos los servicios creados se mostrarán en la lista como:



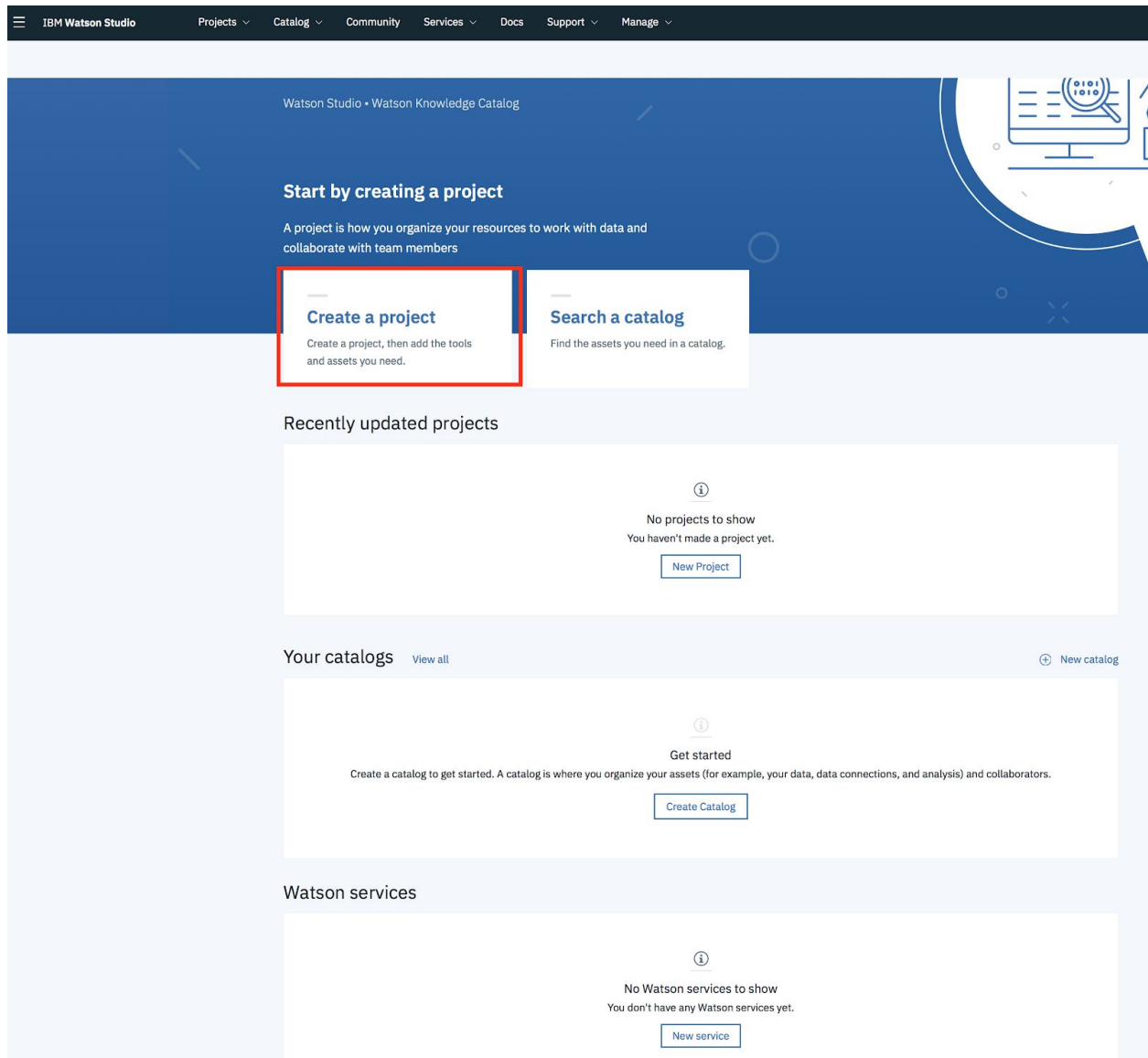
The screenshot shows the IBM Cloud Resource list page. At the top is the same dark navigation bar as in the previous screenshot. Below the navigation bar is the 'Resource list' title. The main content area features a table with four columns: 'Name', 'Group', 'Location', and 'Status'. Above the table are four filter boxes: 'Filter by name or IP address...', 'Filter by group or org...', 'Filter...', and 'Filter...'. The table has several rows, including 'Kubernetes Clusters (0)', 'Cloud Foundry Apps (0)', 'Cloud Foundry Services (1)', and 'Services (3)'. The 'Services (3)' row is expanded, showing three services: 'WatsonStudio' (highlighted with a red box), 'pm-20-dsx', and 'watson-vision-combined-sm'. All three services are in the 'Default' group, located in 'Dallas', and have a status of 'Provisioned'. Below the 'Services (3)' row is a 'Storage (1)' row.

Name ▲	Group	Location	Status
Filter by name or IP address...	Filter by group or org...	Filter...	Filter...
> Kubernetes Clusters (0)			
> Cloud Foundry Apps (0)			
> Cloud Foundry Services (1)			
✓ Services (3)			
WatsonStudio	Default	Dallas	Provisioned
pm-20-dsx	Default	Dallas	Provisioned
watson-vision-combined-sm	Default	Dallas	Provisioned
> Storage (1)			

Haga clic en el servicio que ha creado y seleccione "Comenzar".



Ahora tiene que crear un proyecto, haga clic en Crear un proyecto:




verá la pantalla a continuación, seleccione "Crear un proyecto vacío":

← Back

## Create a project

Choose whether to create an empty project or to preload your project with data and analytical assets. Add collaborators and data, and then choose the right tools to accomplish your goals. Add services as necessary.




**Create an empty project**

Add the data you want to prepare, analyze, or model. Choose tools based on how you want to work: write code, create a flow on a graphical canvas, or automatically build models.

**NEW** AutoAI experiment tool: Fully automated approach to building a classification or re...

**USE TO**

Prepare and visualize data  
Analyze data in notebooks  
Train models



**Create a project from a sample or file**

Get started fast by loading existing assets. Choose a project file from your system, or choose a curated sample project.

**USE TO**

Learn by example  
Build on existing work  
Run tutorials

Luego realizará los siguientes pasos, etiquetados con la figura correspondiente:

- 1) Proporcione un nombre de proyecto
- 2) Proporcione una descripción del proyecto
- 3) Haga clic en Crear

IBM Watson Studio Upgrade joseph santarcangelo's ... JS

### New project

**Define project details**

1) **Name**

Python Basics for Data Science Project

2) **Description**

This is the Python Basics for Data Science Project

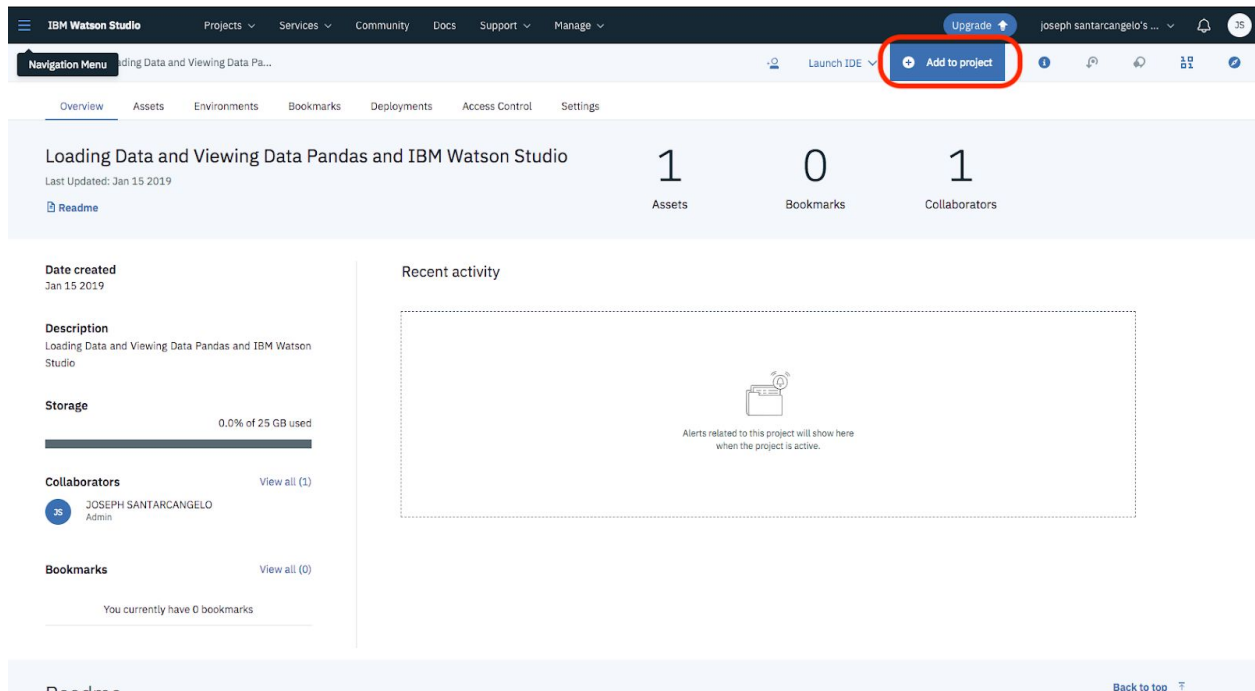
**Choose project options**

☐ Restrict who can be a collaborator ⓘ

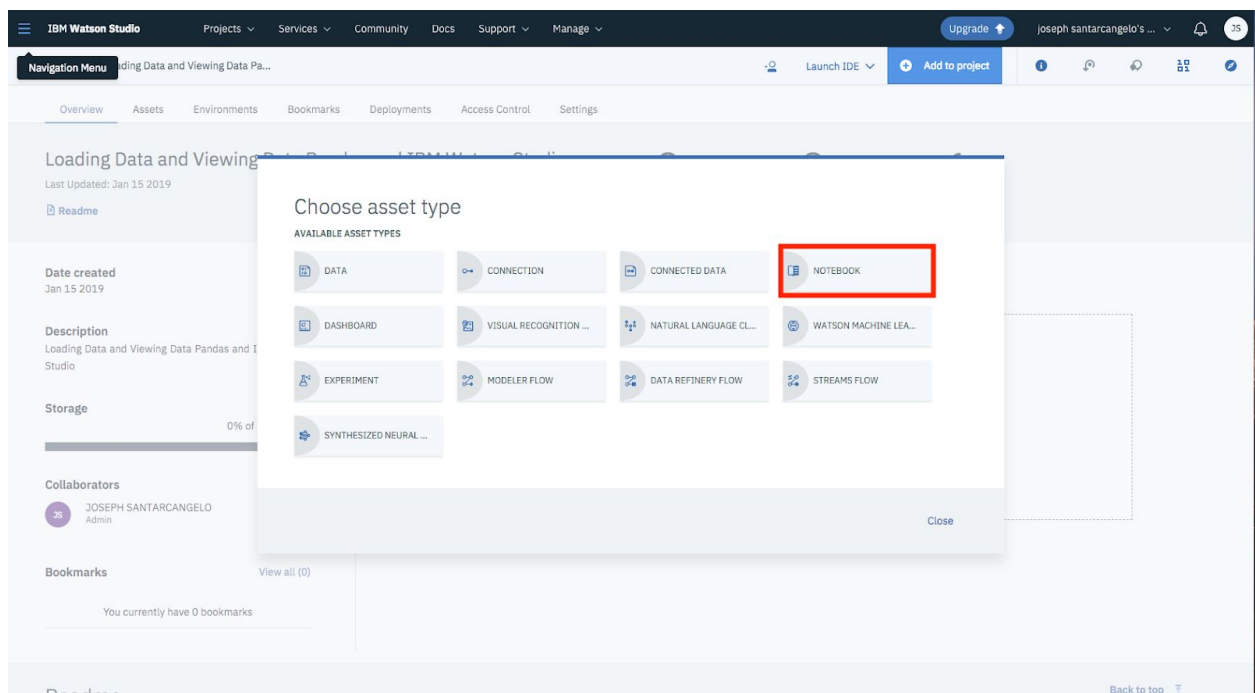
3)

Cancel Create

Debería ver la siguiente imagen, haga clic en Agregar al proyecto.



Verá la siguiente pantalla, en el menú se muestra Seleccionar cuaderno:



Luego aparecerá la siguiente pantalla, seleccione del archivo. Para cargar el cuaderno Jupyter, seleccione "desde URL" y pegue [el enlace aquí](#) en URL del cuaderno \*, luego haga clic en Crear cuaderno.



IBM Watson Studio

Upgrade

Ma

[My Projects](#) / [a test](#) / [Add Notebook](#)

## New notebook

[Blank](#) [From file](#) [From URL](#)

Name\*

Make Dashboard

36 Characters Remaining

Description

Make Dashboard

486 Characters Remaining

Notebook URL\*

https://cocl.us/coursera\_notebook\_project

Select runtime\* Includes notebook environments ⓘ

Default Python 3.5 XS (2 vCPU and 8 GB RAM)

The selected runtime has 2 vCPU and 8 GB RAM and consumes 1 capacity unit hour.

[Learn more about capacity unit hours and Watson Studio pricing plans.](#)

El resultado debería ser el cuaderno.

IBM Watson Studio

Upgrade

joseph santarcangelo's ...

JS


Navigation Menu

Python Basics for Data Science Pr... / test\_notebook\_cour

File Edit View Insert Cell Kernel Help

Not Trusted | Python 3.5

Format Markdown



**COGNITIVE  
CLASS**

## Analyzing US Economic Data and Building a Dashboard

### Description

Extracting essential data from a dataset and displaying it is a necessary part of data science; therefore individuals can make correct decisions based on the data. In this assignment, you will extract some essential economic indicators from some data, you will then display these economic indicators in a Dashboard. You can then share the dashboard via an URL.

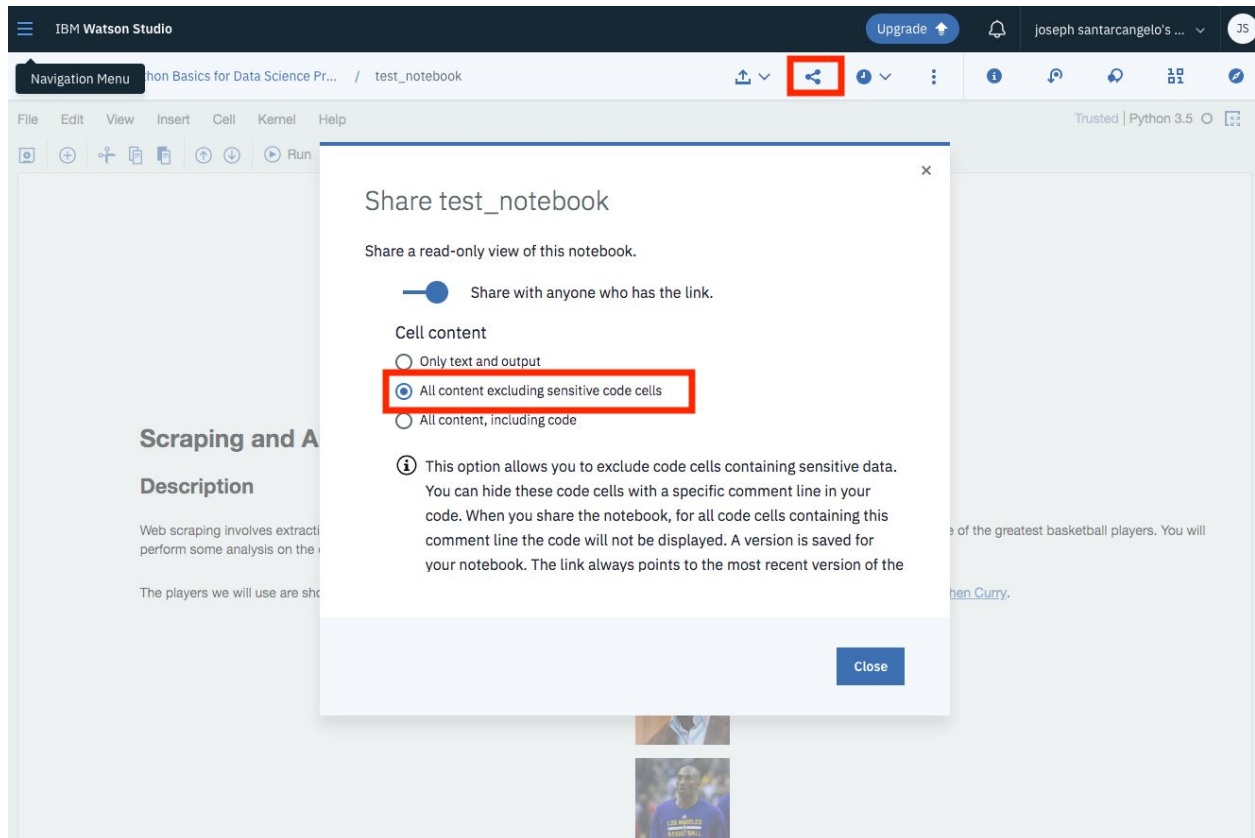
[Gross domestic product \(GDP\)](#) is a measure of the market value of all the final goods and services produced in a period. GDP is an indicator of how well the economy is doing. A drop in GDP indicates the economy is producing less; similarly an increase in GDP suggests the economy is performing better. In this lab, you will examine how changes in GDP impact the unemployment rate.

### Table of Contents

- [Define a Function that Makes a Dashboard](#)
- [Question 1: Create a dataframe that contains the GDP data and display it](#)
- [Question 2: Create a dataframe that contains the unemployment data and display it](#)
- [Question 3: Display a dataframe where unemployment was greater than 8.5%](#)
- [Question 4: Use the function make\\_dashboard to make a dashboard](#)
- [Question 5: Save the dashboard on IBM cloud and display it](#)

Estimated Time Needed: 180 min


Una vez que complete su cuaderno, tendrá que compartirlo. Seleccione el ícono en la esquina superior derecha marcado en rojo en la imagen a continuación, se abrirá un cuadro de diálogo, seleccione la opción todo el contenido, excepto las celdas de código confidenciales.



Luego puede compartir el cuaderno a través de una URL desplazándose hacia abajo como se muestra en la siguiente imagen:



## Share test\_notebook

-  This option allows you to exclude code cells containing sensitive data. You can hide these code cells with a specific comment line in your code. When you share the notebook, for all code cells containing this comment line the code will not be displayed. A version is saved for your notebook. The link always points to the most recent version of the notebook.

### Permalink to view notebook

<https://dataplatfom.cloud.ibm.com/analytics/notebooks/v2/106a6db4->



### Share on social media



Close