

NLP Hands-on Workshop Series

Session 2

Creating a custom language model to
optimize NLP results

Sarah Packowski

AI ContentOps

IBM Data and AI

Ashley J. Zhao

Technical writer

Watson Studio Content Design

Hello Im trying to upload one 1.5GB tar.gz file and unzip to Object Storage.

upload

file

object storage

Hi I wanted to know how to export data from python notebooks?

export

notebooks

python

Hi how can I import a flow from spss modeler in data science experience?

import

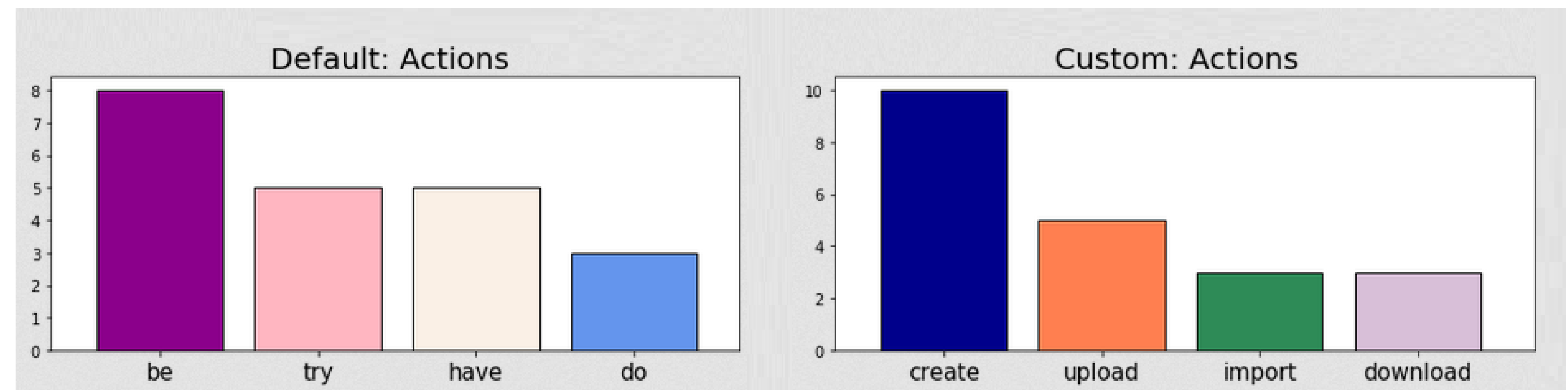
flow

spss modeler

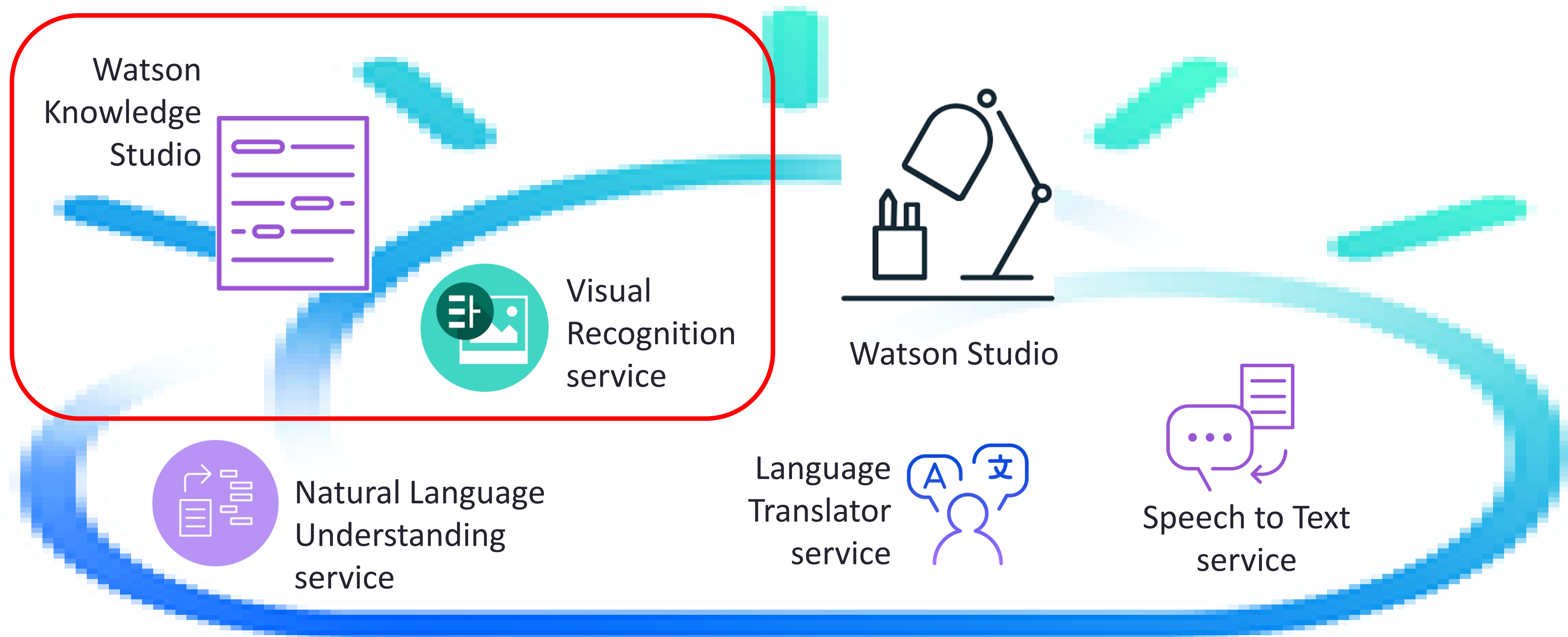


Workshop objectives

- Learn how to create a custom language model in Watson Knowledge Studio
- Learn how to use a custom model with Watson Natural Language Understanding (NLU)
- Understand the value of custom models



IBM Cloud . Watson services . Watson Studio



IBM Watson Studio Tour

The screenshot shows the IBM Watson Studio web interface. At the top, there's a dark blue header with the IBM Watson Studio logo, an 'Upgrade' button, a notification bell, and the user's account 'Sarah Demo's Account'. Below the header, a light blue navigation bar shows 'My Projects / Workshop-1' and a 'Launch IDE' button. The main content area has a tabbed interface with 'Overview', 'Assets', 'Environments', 'Jobs', 'Deployments', 'Access Control', and 'Settings'. The 'Assets' tab is active, displaying a search bar and two sections: 'Data assets' and 'Notebooks'. The 'Data assets' section shows a table with one asset: 'NLU-results.json'. The 'Notebooks' section shows a table with two notebooks: '2-Visualize-NLU-results' and '1-Explore-NLU'. A blue chat bubble icon is in the bottom right corner.

IBM Watson Studio

Upgrade

Sarah Demo's Account

My Projects / Workshop-1

Launch IDE

Add to project

Overview Assets Environments Jobs Deployments Access Control Settings

What assets are you looking for?

▼ Data assets New data asset +

0 asset selected.

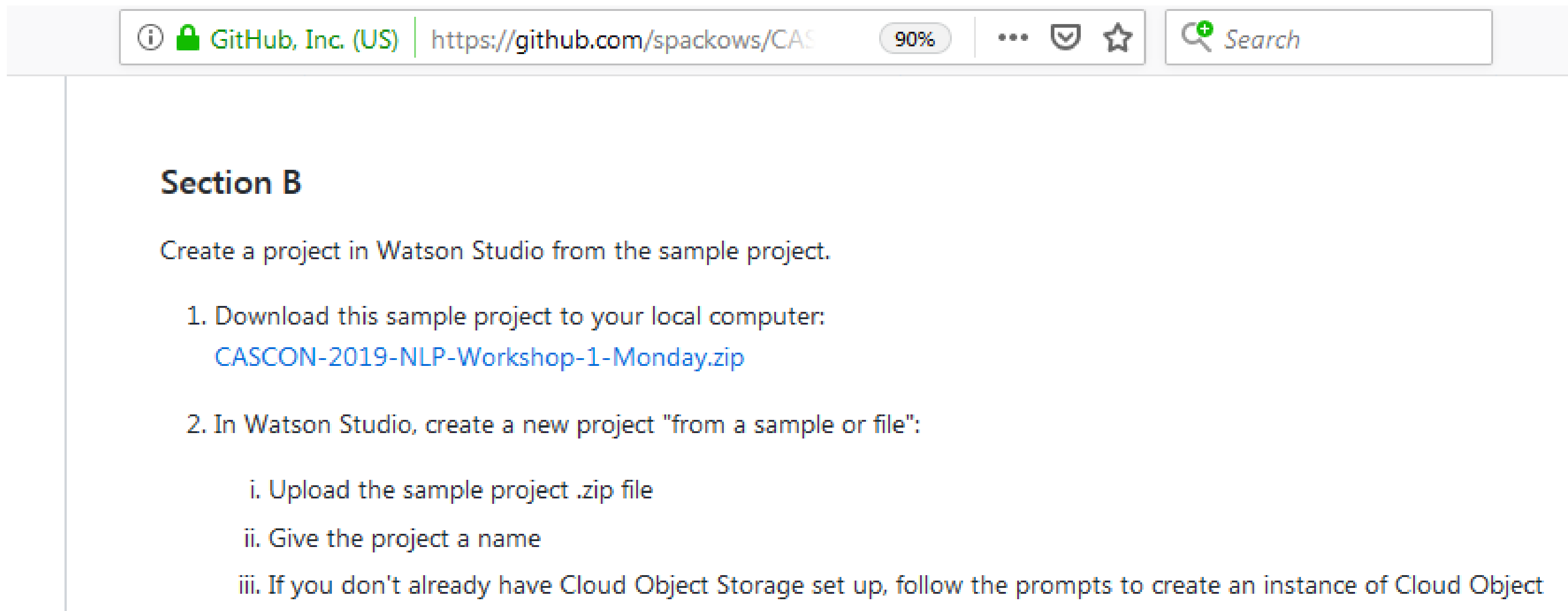
<input type="checkbox"/>	NAME	TYPE	CREATED BY	LAST MODIFIED	ACTIONS
<input type="checkbox"/>	<small>JSON</small> NLU-results.json	Data Asset	Sarah Demo	3 Nov 2019, 10:01:34 pm	

▼ Notebooks New notebook +

NAME	SHARED	SCHEDULED	STATUS	LANGUAGE	LAST EDITOR	LAST MODIFIED	ACTIONS
2-Visualize-NLU-results				Python 3.6	Unknown	3 Nov 2019	
1-Explore-NLU				Python 3.6	Unknown	3 Nov 2019	

Workshop instructions

<http://ibm.biz/CASCON-2019-NLP>



The screenshot shows a web browser window displaying a GitHub repository. The address bar shows the URL 'https://github.com/spackows/CASCON-2019-NLP-Workshop-1-Monday.zip' with a 90% completion indicator. The page content includes a section titled 'Section B' with instructions for creating a project in Watson Studio. The instructions are as follows:

Section B

Create a project in Watson Studio from the sample project.

1. Download this sample project to your local computer:
[CASCON-2019-NLP-Workshop-1-Monday.zip](#)
2. In Watson Studio, create a new project "from a sample or file":
 - i. Upload the sample project .zip file
 - ii. Give the project a name
 - iii. If you don't already have Cloud Object Storage set up, follow the prompts to create an instance of Cloud Object