

IBM Developer:

Deploying on IBM Cloud

IBM Cloud Made Simple

Name + Pronouns

Title/Company/Program

Where You're From/Joining From

Something You Love

<https://ibm.biz/BdfPsE>

ibm cloud sign-up 🙌

Create an IBM Cloud Free Lite Tier Account



Already have an IBM Cloud account? [Log in](#)

Create an account

1. Account information

Email



Password



Next



2. Verify email

3. Personal information

Create account



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Upkar Lidder
Developer Advocate @ IBM

Drinks a lot Coffee
Enjoys the outdoors

@upkarlidderr

How many different ways can
you deploy on IBM Cloud?

What are you deploying?



@upkarlidderr

<https://github.com/upkarlidderr/ibmhacks>

🔗 main ▾

🔗 1 branch

🏷 0 tags

Go to file

Add file ▾

📄 Code ▾

Use this template



krook Merge pull request #32 from Call-for-Code/cfDeployment ...

✓ 1f84aaa 5 days ago ⌚ 94 commits



.github

corrected the branch name

13 days ago



docs

updated sample project website link

11 days ago



images

instructions to deploy app on cloud foundry

5 days ago



sample-react-app

update doc

5 days ago



sample-static-web

clean up

13 days ago



.gitignore

Added more verbosity to the template

14 months ago



LICENSE

Update for 2019.

2 years ago



README.md

updated sample project website link

11 days ago



README.md



About



A basic GitHub repository example for new 2021 Call for Code Global Challenge project submissions and those that join the Call for Code with The Linux Foundation initiative.

[🔗 developer.ibm.com/callforcode/get-...](https://developer.ibm.com/callforcode/get-...)

template

submission

call-for-code

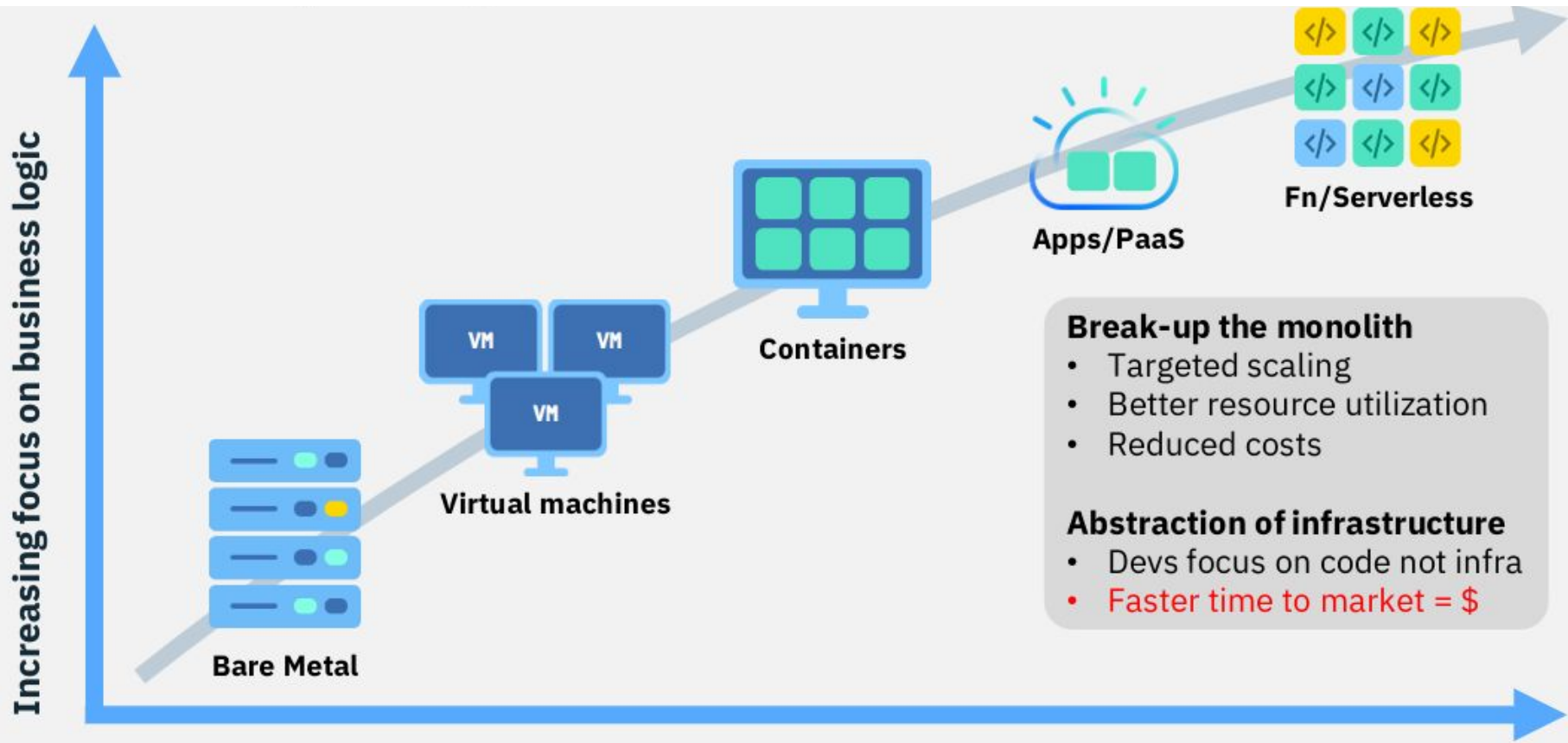
call-for-code-2021

📖 Readme

📄 Apache-2.0 License

Contributors 5





IBM Cloud Foundry

@upkarliddar

<https://ibm.biz/BdfPsE>

1. Cloud Foundry is an open source, platform-as-a-service (PaaS) on IBM that enables you to deploy and scale apps without managing servers.
2. Cloud Foundry includes runtimes for Java, Node.js, PHP, Python, Ruby, ASP.NET, Tomcat, Swift and Go. Community build packs are also available.
3. Free tier – Up to 256 MB cost-free.

IBM Cloud Functions

@upkarliddar

<https://ibm.biz/BdfPsE>

1. IBM Cloud Functions is an open source, Functions-as-a-Service (FaaS) platform based on Apache OpenWhisk.
2. Scale to zero - pay for what time you use.
3. Includes runtimes for Java, Node.js, PHP, Python, Ruby, ASP.NET, Swift and Go. Docker containers for all else!
4. Large free tier available.

Use cases

- ❑ Serverless Backends

- ❑ Mobile Backend

- ❑ Cognitive Data Processing

- ❑ Data Processing

- ❑ IoT Ready

- ❑ Event Stream Processing

- ❑ Conversational Scenarios

- ❑ Scheduled Tasks

IBM Code Engine

<https://www.crowdcast.io/e/code-engine-workshop>

1. IBM Cloud Code Engine is a fully-managed runtime where developers can:

1.1. Go live in seconds

1.2. Easily scale any code even down to zero

1.3. Pay only for what they use

<https://www.crowdcast.io/e/code-engine-workshop>

Is Code Engine for you?



Containers/ Kubernetes developer

Code Engine easily runs your containers. It is built on Kubernetes with all its features, without the learning curve. Keep your existing Kubernetes experience or Code Engine's simple user interface - the choice is yours.



PaaS/Cloud Foundry developer

With Code Engine's simplified user experience, you can focus on writing & pushing code to the cloud. All infrastructure, networking, security and versioning of your code is managed for you.



Batch Jobs developer

Simply submit your "run to completion" batch jobs and scale them out. Never worry about provisioning, managing or removing infrastructure.



Serverless/ Functions developer

Code Engine supports running your event-driven workloads without needing to manually setup, manage or scale your code. You get the same "Functions-as-a-Service" experience that you expect from a Serverless platform.

Docs:

- <https://cloud.ibm.com/docs/codeengine>

Tutorials / Samples:

- [Text analysis with Code Engine](#)
- [Deploying Applications](#)
- [Running Jobs](#)
- [Building applications by using buildpacks](#)
- [Subscribing to ping events](#)
- [Subscribing to Object Storage events](#)
- **Jump start: [coding samples](#)**
- [Text analysis with IBM Cloud Code Engine](#)

Blogs:

- [Announcing IBM Cloud Code Engine: The Easy Way to Run Your Code, Containers, and Batch Jobs](#)
- [Introducing IBM Cloud Code Engine](#)
- [IBM Cloud Code Engine: Enjoy Your Cloud Again](#)
- [Run your Code and Containers Serverless on IBM Cloud Code Engine](#)
- [IBM Introduces IBM Cloud Code Engine](#)

- [IBM Cloud Code Engine: run source code in IBM Cloud, without knowing what a container is](#)
- [IBM Code Engine Now Available in the Frankfurt Region and With Less Limitations](#)
- [Image Classification with IBM Cloud Code Engine and TensorFlow](#)
- [IBM Cloud Code Engine: Continuously Secure and Run Your Containers](#)
- [Tutorial: Text Analysis with IBM Cloud Code Engine](#)
- [IBM Cloud Code Engine: Optimising Application Scaling, Latency, and Throughput](#)
-

Videos:

- [Intro to IBM Cloud Code Engine](#)
- [KubeCon Sponsor Session: What Happened to the Promise of Cloud Computing?](#)

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<http://bit.ly/legit-info-lab>

Workshop!

CONGRATULATIONS!

ibm.biz/feedback_survey

feedback survey 🙌

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bit.ly/ibm_cloud_sign_up

Resource Links

For more datasets:

Data Asset eXchange: developer.ibm.com/exchanges/data/

Some Watson Studio projects and notebooks:

[NOAA Weather](#)

[Groningen Meaning Bank - Modified](#)

[Fashion-MNIST](#)

EVENT RESOURCES:

http://ibm.biz/ibm_cloud_sign_up
(ibm cloud sign-up)

http://ibm.biz/tech_talk_or_workshop_slides
(slides)

https://www.crowdcast.io/e/tech_talk_or_workshop
(livestream recording)

IBM DATA SCIENCE CERTIFICATIONS:

http://ibm.biz/data_science_fundamentals
(Data Science Foundations Badge)

http://ibm.biz/applied_data_science
(Applied Data Science with Python Badge)

IBM Developer Social Media


IBM Developer Meetup :
meetup.com/IBM-Developer-Austin

twitch.tv/ibmdeveloper
IBM Developer YouTube :
ibm.biz/youtube

Backup



`ibm.biz/tech_talk_or_workshop_title`

link to this slide 

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GitHub Repo, GitBook, Notebook, or Dataset 📌

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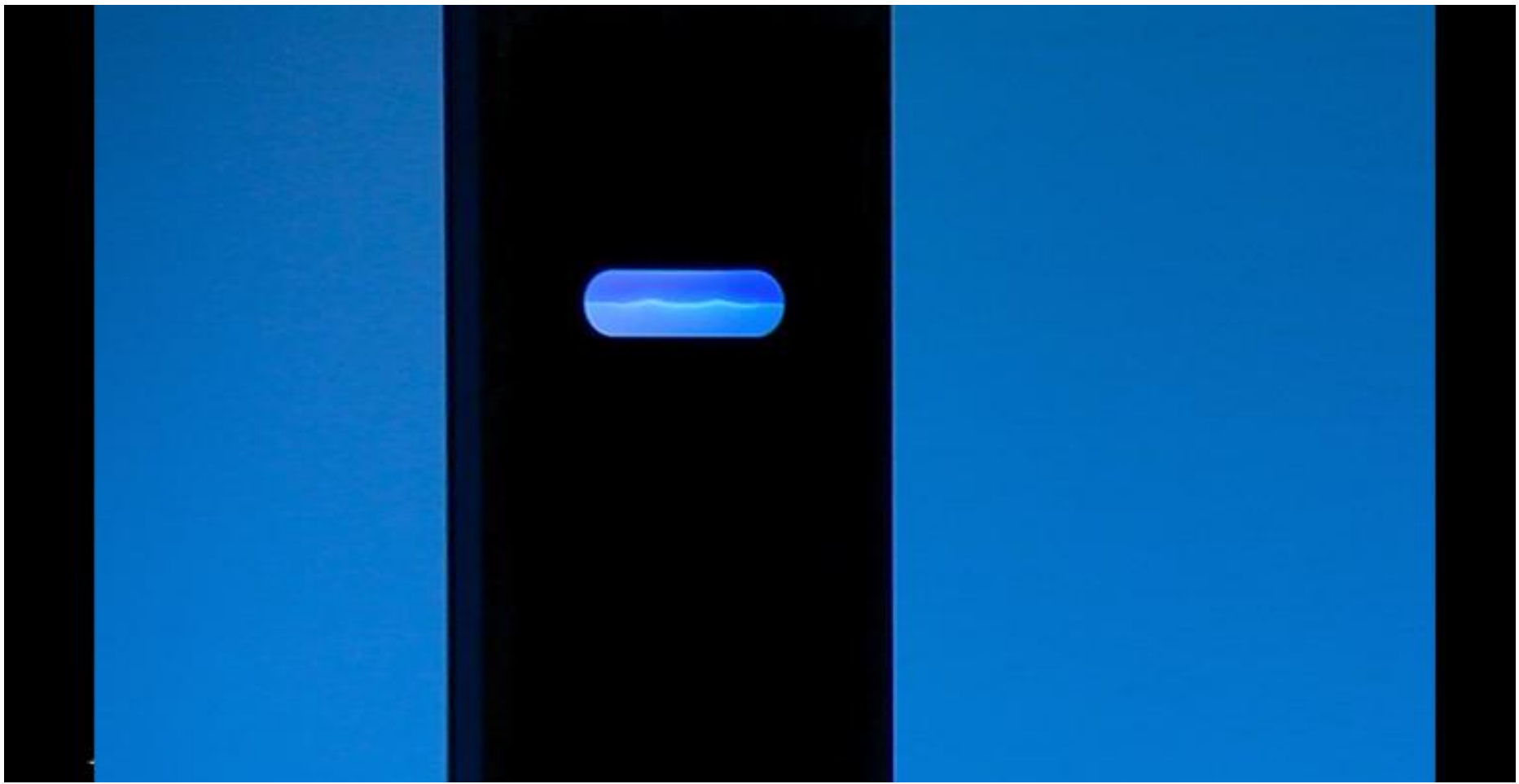
@upkarliddar `ibm.biz/ibm_badge_name`

Let's Get Started

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bit.ly/ibm_cloud_sign_up

Photos or Images



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bit.ly/watson-dax



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Let's See It in Action!

Try it out!



@upkarlidd

Business Use Cases for IBM Product

Data Asset eXchange

Explore useful and relevant data sets for enterprise data science



Dataset | CSV

**IBM Debater® Concept
Abstractness**

September 25, 2020



Dataset | XLSX, TXT

**IBM Debater® Sentiment
Composition Lexicons**

October 23, 2020



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bit.ly/watson-dax

IBM Debater® Sentiment Composition Lexicons

A dataset on the sentiment of phrases from the interaction between its constituents.

☆ Save 🔒 Like

By Orith Toledo-Ronen, Roy Bar-Haim
Updated October 23, 2020 | Published August 1, 2019

Overview

This dataset addresses sentiment composition – predicting the sentiment of a phrase from the interaction between its constituents. For example, in the phrases “reduced bureaucracy” and “fresh injury”, both “reduced” and “fresh” are followed by a negative word. However, “reduced” flips the negative polarity, resulting in a positive phrase, while “fresh” propagates the negative polarity to the phrase level, resulting in a negative phrase. Accordingly, “reduced” is part of our “reversers” lexicon, and “fresh” is part of the “propagators” lexicon.

DAX Dataset Preview

Notebook Preview

Run Notebook in Watson Studio

Dataset Homepage

IBM Debater® Sentiment Composition Lexicons

Dataset Metadata

Dataset Preview

Dataset Glossary

Label	Sample - 1 (bigram)	Sample - 2 (bigram)	Sample - 1 (unigram)	Sample - 2 (unigram)
UNIGRAM/BIGRAM	abandoned-attempts	really-great	inhuman	thankful
POS_TAGS	VBN-NNS	RB-JJ		
SENTIMENT_SCORE	-0.0537094	0.130781	-0.589821	0.258178

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bit.ly/watson-dax

Let's Check it Out!

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IBM Debater® Sentiment Composition Lexicons

A dataset on the sentiment of phrases from the interaction between its constituents.

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Get this dataset



Try the notebook



Preview the data & notebooks



Site feedback

By Orith Toledo-Ronen, Roy Bar-Haim

Updated October 23, 2020 | Published August 1, 2019



Legend ⓘ

Categories



Artificial intelligence

Overview

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bit.ly/ibm_cloud_sign_up



Debater_Sentiment_Lexicons_Notebook



Version author

Yiwen Li

Language

Python 3.7

Last updated

Dec 2, 2020, 6:04 PM

Load and Visualize IBM Debater® Sentiment Composition Lexicons

This notebook relates to the IBM Debater® Sentiment Composition Lexicons dataset. The dataset includes sentiment composition lexicons and sentiment lexicons:

1. Sentiment composition lexicons containing 2,783 words.
2. Sentiment lexicons containing 66,058 unigrams and 262,555 bigrams.

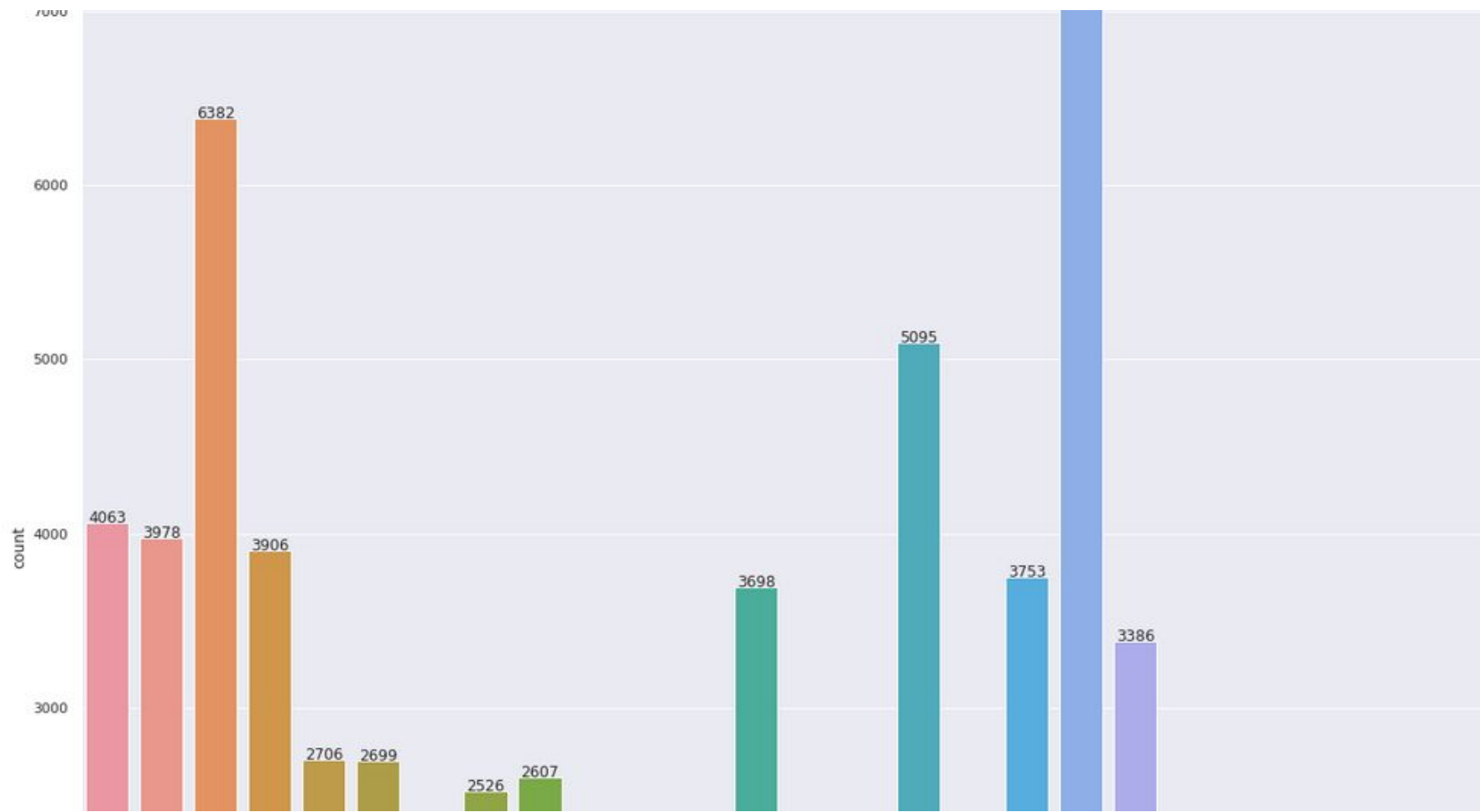
This resource addresses sentiment composition – predicting the sentiment of a phrase from the interaction between its constituents. For example, in the phrases “reduced bureaucracy” and “fresh injury”, both “reduced” and “fresh” are followed by a negative word. However, “reduced” flips the negative polarity, resulting in a positive phrase, while “fresh” propagates the negative polarity to the phrase level, resulting in a negative phrase. Accordingly, “reduced” is part of our “reversers” lexicon, and “fresh” is part of the “propagators” lexicon.

This dataset can be obtained for free from the IBM Developer [Data Asset Exchange](#).

The dataset includes:

1. ReleaseNotes.docx – release notes file describing the data
2. SEMANTIC_CLASSES.xlsx – the composition lexicons for reversers, propagators, and dominators
3. ADJECTIVES.xlsx – the composition lexicons for two gradable adjective pairs (high-low, fast-slow) and their expansion list
4. LEXICON_UG.txt – the unigrams sentiment lexicon





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