

# **Advance Internship@Clevered Product Reviews Topic Analysis**

## **App User Manual**

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# Acknowledgements

- A small vote of thanks for all who have helped you in this journey of App Development – my parents, Mr Ken, Clevered, Mani Malhotra, [clevered.com](http://clevered.com) etc.

# About Me..

- Student's  
Photograph

- Student's  
Introduction
- Aarav Gosai
- Age : 11

# About My Internship with Clevered..



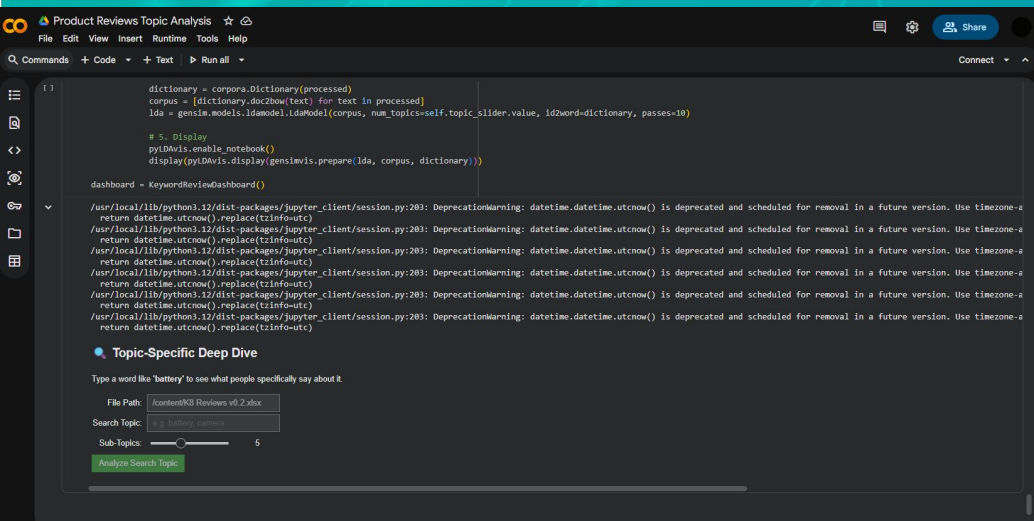
## Badges Earned

- Rockstar for attentiveness
- Rockstar for Project completion

# About App..

- App's Main Menu

- App's Introduction



The screenshot shows the application's main menu in a dark-themed window titled "Product Reviews Topic Analysis". The interface includes a menu bar (File, Edit, View, Insert, Runtime, Tools, Help), a toolbar with icons for file operations and a "Share" button, and a "Commands" panel. The main area displays Python code for topic analysis using Gensim and PyLDAvis. Below the code, a "Topic-Specific Deep Dive" section is visible, featuring a "File Path" input field containing "/content/K8 Reviews v0.2.xlsx", a "Search Topic" input field with "battery capacity", a "Sub-Topics" slider set to 5, and an "Analyze Search Topic" button.

```
[ ]
dictionary = corpora.Dictionary(processed)
corpus = [dictionary.doc2bow(text) for text in processed]
lda = gensim.models.ldamodel.LdaModel(corpus, num_topics=self.topic_slider.value, id2word=dictionary, passes=10)

# % Display
pyLDAvis.enable_notebook()
display(pyLDAvis.display(gensimvis.prepare(lda, corpus, dictionary)))

dashboard = KeywordReviewDashboard()

/usr/local/lib/python3.12/dist-packages/jupyter_client/session.py:203: DeprecationWarning: datetime.datetime.utcnow() is deprecated and scheduled for removal in a future version. Use timezone-aware objects to represent datetimes in UTC: datetime.datetime.now(datetime.UTC).
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Topic-Specific Deep Dive
Type a word like 'battery' to see what people specifically say about it.
File Path: /content/K8 Reviews v0.2.xlsx
Search Topic: battery capacity
Sub-Topics: 5
Analyze Search Topic
```

The app is about Product Reviews Topic Analysis. In the app when the user provides a topic, it shows the reviews and analysis

# How do I use the App?

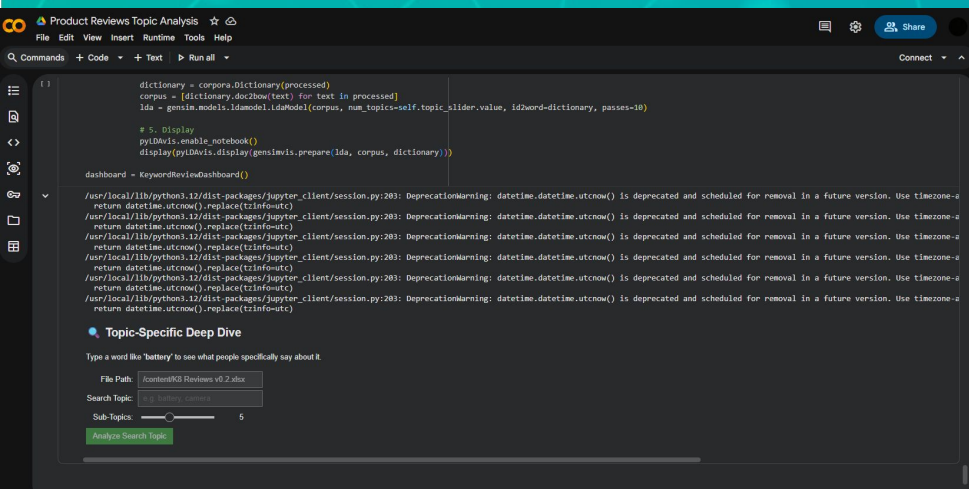
First the user should open collab, upload project in collab, run the code and it will give the user interface, then the user can any item the user wish to get a review of that product, user can also see what words are used to describe that particular product



# Dependencies and Risks

(This will be repeated for each option of the App)

- Screenshot/ Pic of each option/screen of the App
- Steps to use the same
- Any special considerations/ dependencies/risks while using the option





# Contact Person

- Please reach out to Aarav Gosai at [aarav.skillz@gmail.com](mailto:aarav.skillz@gmail.com) for any questions/ concerns/ suggestions on the App



**Thank you!**