

# What Can Be Done with Beamer Slide Generator?

Demo

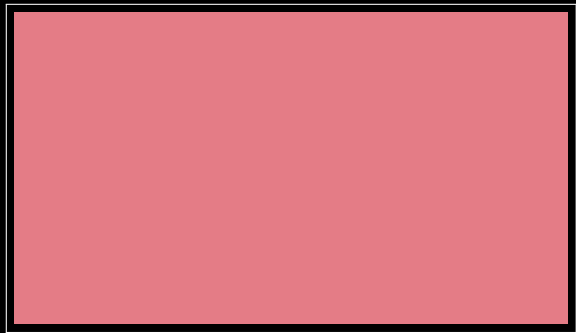
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# An Introduction To Overleaf



Click to play [Play](#)

- Overleaf is a complete DTP platform in LaTeX widely used by the academic community
- The standalone platform allows users to develop and keep their ideas available online.
- It generates the PDF file and can also provide a Rich text-like platform for those who are not very familiar with LaTeX
- It is Free.

Source: <https://www.youtube.com/watch?v=58CoXgze71Y>



# Google Colab



Click to play [Play](#)

- It has everything that is needed to learn and get introduced to AI and Data Science
- It is Free

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Source: <https://www.youtube.com/watch?v=oCngVVBSsmA>



# How Did I Generate This Slide?

```
(eg-python) naphinas-latitude5578:~/Documents/Talks/AI-20248 modedit demo-presentation.txt
(eg-python) naphinas-latitude5578:~/Documents/Talks/AI-20248 less demo-presentation.txt
(eg-python) naphinas-latitude5578:~/Documents/Talks/AI-20248 python BeamerSlideGenerator.py
BeamerSlideGenerator: Creating slides for presentation
Choose an option:
1. Process a single media URL (appends to media.tex)
2. Process multiple media files from an input file (creates new .tex file)
Enter your choice (1 or 2): 2
Enter the path to the input file: demo-presentation.txt

Downloading YouTube slides...
[youtube] Extracting URL: https://www.youtube.com/watch?v=58Cqgz7iY
[youtube] 58Cqgz7iY: Downloading webpage
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[download] 1800 of 59.24MiB
Video downloaded successfully to: media_files/How_to_Write_a_Scientific_Journal_Article_Using_Ov.m4

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[youtube] CqV9B5sm: Downloading mosh player API 2508
[youtube] CqV9B5sm: Downloading alsh information
[youtube] CqV9B5sm: Downloading 1 format(s): 18
[download] media_files/Practical_Introduction_to_Google_Colab_for_Data_Sc.m4 has already been downloaded
[download] 1800 of 14.12MiB
Video downloaded successfully to: media_files/Practical_Introduction_to_Google_Colab_for_Data_Sc.m4

Input file has been updated with new URLs.
Original file backed up as: demo-presentation.txt.backup

Input file has been updated with local paths.
Original file backed up as: demo-presentation.txt.backup

Processing complete:
Successfully processed slides: 2
Failed slides: 0

Output written to: demo-presentation.tex
Both source file and output file have been updated with new media paths.
All slides have been written to 'demo-presentation.tex'
(eg-python) naphinas-latitude5578:~/Documents/Talks/AI-20248 []
```

- I just called **python BeamerSlideGenerator.py**
- Selected option 2 and entered the text file: demo-presentation.txt
- Press enter, and everything is ready. Finally you only need to run **pdflatex demo-presentation.tex**
- The text file remains unchanged, and I often spell check and grammar check it after typing. Rerun it, and the new presentation will be ready!



# How Did I Generate This Slide?

- You need not worry about creating the text file. That is the good news. You give a new file name, say `some_filename.txt`, after selecting the option 2.
- It will guide you through even suggestive pages on your browser related to the topic of your slide.
- You can follow the instructions. Copy and paste and play (use play command) YouTube video links by selecting option 1 in the submenu, or add your own files by selecting option 2.
- No worries, the links will be automatically cited so that you won't be blamed for IP violation.
- Try it and let me know

