

CSV to Powerpoint Slides

Vision	2
Problem	2
Solution	2
Value	2
Resources	3

Vision

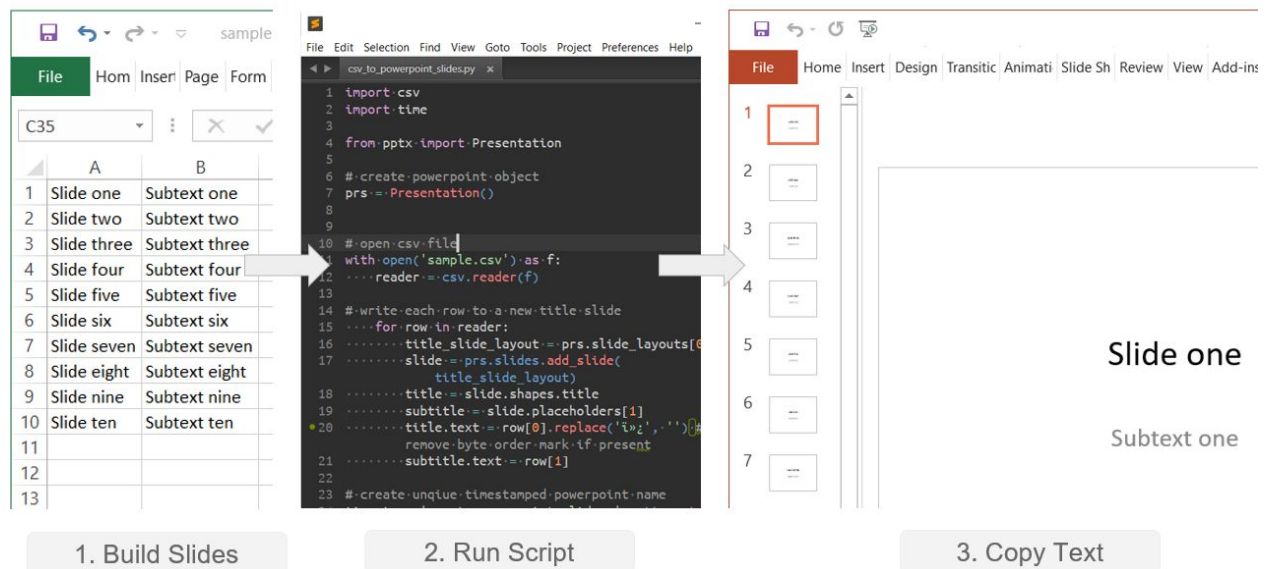
1. A process/tool to convert csv data to powerpoint slides.
2. Programmatically extract the Slide (text) and subtext (text) from a csv into a powerpoint.

Problem

-
- Manually copying/pasting text from a spreadsheet to a powerpoint is time-consuming

Solution

CSV to PowerPoint Slides



1. **sample.csv** - Update text as needed. Follow pattern and create additional slides as needed.
2. **Python script** - a Python script extracts the contents of the .csv file to a PowerPoint file.
3. **PowerPoint Slides** - Follow the course outline to develop the course.

Value

- Google Spreadsheets facilitate rapid powerpoint development
- A structured approach facilitates consistent content

- A Python script automates the text extraction from .csv file to the PowerPoint

Resources

<https://python-pptx.readthedocs.io/en/latest/index.html>

python-pptx is a Python library for creating and updating PowerPoint (.pptx) files.

A typical use would be generating a customized PowerPoint presentation from database content, downloadable by clicking a link in a web application. Several developers have used it to automate production of presentation-ready engineering status reports based on information held in their work management system. It could also be used for making bulk updates to a library of presentations or simply to automate the production of a slide or two that would be tedious to get right by hand.