

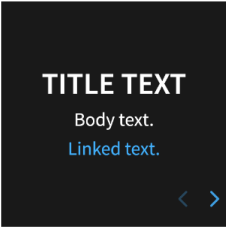
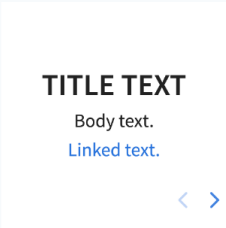
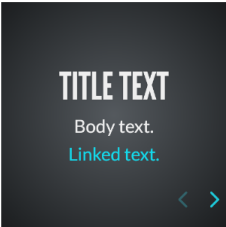
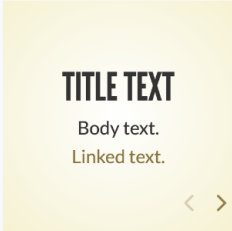
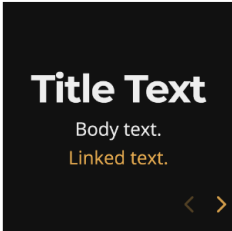
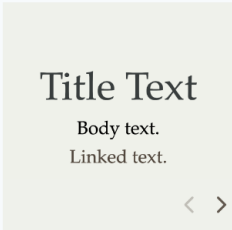

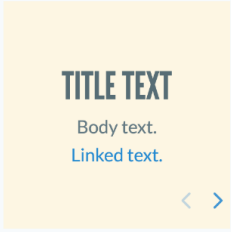
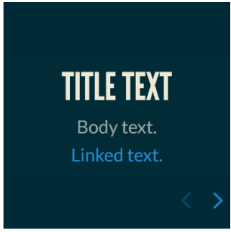

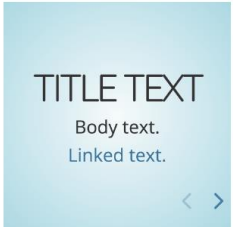
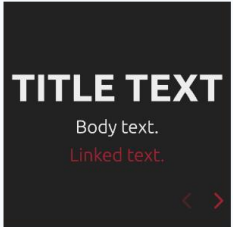
# How to Set up a Theme for Jupyter Slides

Rita Rozental

There are many existing themes available at  
<https://revealjs.com/themes/>.

But do not use the GitHub link at the bottom of this website to download them – it has .scss file format which will not work!

# <https://revealjs.com/themes/>

Name	Preview
black (default)	
white	
league	
beige	
night	
serif	
simple	
solarized	
moon	
dracula	
sky	
blood	

Use <https://revealjs.com/themes/> only to see what the themes look like.




Once you have selected your theme, got to <https://cdnjs.com>.

On cdnjs, search for reveal.js and look for the theme files in the list (they usually end in .css).

or use the link below:

<https://cdnjs.com/libraries/reveal.js>

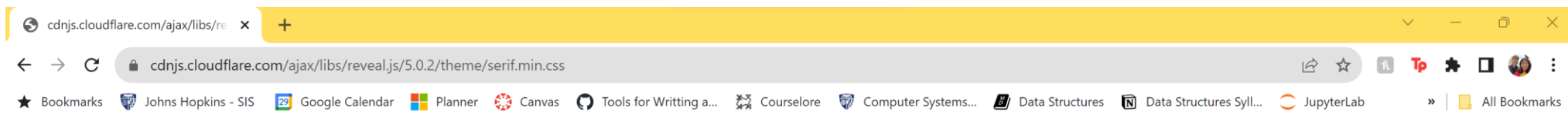
# https://cdnjs.com/libraries/reveal.js

<a href="https://cdnjs.cloudflare.com/ajax/libs/reveal.js/5.0.2/theme/blood.min.css">https://cdnjs.cloudflare.com/ajax/libs/reveal.js/5.0.2/theme/blood.min.css</a>	  
<a href="https://cdnjs.cloudflare.com/ajax/libs/reveal.js/5.0.2/theme/dracula.min.css">https://cdnjs.cloudflare.com/ajax/libs/reveal.js/5.0.2/theme/dracula.min.css</a>	  
<a href="https://cdnjs.cloudflare.com/ajax/libs/reveal.js/5.0.2/theme/league.min.css">https://cdnjs.cloudflare.com/ajax/libs/reveal.js/5.0.2/theme/league.min.css</a>	  
<a href="https://cdnjs.cloudflare.com/ajax/libs/reveal.js/5.0.2/theme/moon.min.css">https://cdnjs.cloudflare.com/ajax/libs/reveal.js/5.0.2/theme/moon.min.css</a>	  
<a href="https://cdnjs.cloudflare.com/ajax/libs/reveal.js/5.0.2/theme/night.min.css">https://cdnjs.cloudflare.com/ajax/libs/reveal.js/5.0.2/theme/night.min.css</a>	  
<a href="https://cdnjs.cloudflare.com/ajax/libs/reveal.js/5.0.2/theme/serif.min.css">https://cdnjs.cloudflare.com/ajax/libs/reveal.js/5.0.2/theme/serif.min.css</a>	  
<a href="https://cdnjs.cloudflare.com/ajax/libs/reveal.js/5.0.2/theme/simple.min.css">https://cdnjs.cloudflare.com/ajax/libs/reveal.js/5.0.2/theme/simple.min.css</a>	  
<a href="https://cdnjs.cloudflare.com/ajax/libs/reveal.js/5.0.2/theme/sky.min.css">https://cdnjs.cloudflare.com/ajax/libs/reveal.js/5.0.2/theme/sky.min.css</a>	  
<a href="https://cdnjs.cloudflare.com/ajax/libs/reveal.js/5.0.2/theme/solarized.min.css">https://cdnjs.cloudflare.com/ajax/libs/reveal.js/5.0.2/theme/solarized.min.css</a>	  

Pick a theme from the list on the previous slide.  
Copy the link for your theme and past it into a  
new window.



<https://cdnjs.cloudflare.com/ajax/libs/reveal.js/5.0.2/theme/serif.min.css>



```
.reveal a{line-height:1.3em}section.has-dark-background,section.has-dark-background h1,section.has-dark-background h2,section.has-dark-background h3,section.has-dark-background h4,section.has-dark-background h5,section.has-dark-background h6{color:#fff}:root{--r-background-color:#F0F1EB;--r-main-font:Palatino Linotype,Book Antiqua,Palatino,FreeSerif,serif;--r-main-font-size:40px;--r-main-color:#000;--r-block-margin:20px;--r-heading-margin:0 0 20px 0;--r-heading-font:Palatino Linotype,Book Antiqua,Palatino,FreeSerif,serif;--r-heading-color:#383D3D;--r-heading-line-height:1.2;--r-heading-letter-spacing:normal;--r-heading-text-transform:none;--r-heading-text-shadow:none;--r-heading-font-weight:normal;--r-heading1-text-shadow:none;--r-heading1-size:3.77em;--r-heading2-size:2.11em;--r-heading3-size:1.55em;--r-heading4-size:1em;--r-code-font:monospace;--r-link-color:#51483D;--r-link-color-dark:#25211c;--r-link-color-hover:#8b7c69;--r-selection-background-color:#26351C;--r-selection-color:#fff;--r-overlay-element-bg-color:0,0,0;--r-overlay-element-fg-color:240,240,240}.reveal-viewport{background:#f0f1eb;background-color:var(--r-background-color)}.reveal{font-family:var(--r-main-font);font-size:var(--r-main-font-size);font-weight:400;color:var(--r-main-color)}.reveal ::selection{color:var(--r-selection-color);background:var(--r-selection-background-color);text-shadow:none}.reveal .slides section,.reveal .slides section>section{line-height:1.3;font-weight:inherit}.reveal h1,.reveal h2,.reveal h3,.reveal h4,.reveal h5,.reveal h6{margin:var(--r-heading-margin);color:var(--r-heading-color);font-family:var(--r-heading-font);font-weight:var(--r-heading-font-weight);line-height:var(--r-heading-line-height);letter-spacing:var(--r-heading-letter-spacing);text-transform:var(--r-heading-text-transform);text-shadow:var(--r-heading-text-shadow);word-wrap:break-word}.reveal h1{font-size:var(--r-heading1-size)}.reveal h2{font-size:var(--r-heading2-size)}.reveal h3{font-size:var(--r-heading3-size)}.reveal h4{font-size:var(--r-heading4-size)}.reveal h1{text-shadow:var(--r-heading1-text-shadow)}.reveal p{margin:var(--r-block-margin) 0;line-height:1.3}.reveal h1:last-child,.reveal h2:last-child,.reveal h3:last-child,.reveal h4:last-child,.reveal h5:last-child,.reveal h6:last-child{margin-bottom:0}.reveal iframe,.reveal img,.reveal video{max-width:95%;max-height:95%}.reveal b,.reveal strong{font-weight:700}.reveal em{font-style:italic}.reveal dl,.reveal ol,.reveal ul{display:inline-block;text-align:left;margin:0 0 1em 0}.reveal ol{list-style-type:decimal}.reveal ul{list-style-type:disc}.reveal ul ul{list-style-type:square}.reveal ul ul ul{list-style-type:circle}.reveal ol ol,.reveal ol ul,.reveal ul ol,.reveal ul ul{display:block;margin-left:40px}.reveal dt{font-weight:700}.reveal dd{margin-left:40px}.reveal blockquote{display:block;position:relative;width:70%;margin:var(--r-block-margin) auto;padding:5px;font-style:italic;background:rgba(255,255,255,.05);box-shadow:0 0 2px rgba(0,0,0,.2)}.reveal blockquote p:first-child,.reveal blockquote p:last-child{display:inline-block}.reveal q{font-style:italic}.reveal pre{display:block;position:relative;width:90%;margin:var(--r-block-margin) auto;text-align:left;font-size:.55em;font-family:var(--r-code-font);line-height:1.2em;word-wrap:break-word;box-shadow:0 5px 15px rgba(0,0,0,.15)}.reveal code{font-family:var(--r-code-font);text-transform:none;tab-size:2}.reveal pre code{display:block;padding:5px;overflow:auto;max-height:400px;word-wrap:normal}.reveal .code-wrapper{white-space:normal}.reveal .code-wrapper code{white-space:pre}.reveal table{margin:auto;border-collapse:collapse;border-spacing:0}.reveal table th{font-weight:700}.reveal table td,.reveal table th{text-align:left;padding:.2em .5em .2em .5em;border-bottom:1px solid}.reveal table td[align=center],.reveal table th[align=center]{text-align:center}.reveal table td[align=right],.reveal table th[align=right]{text-align:right}.reveal table tbody tr:last-child td,.reveal table tbody tr:last-child th{border-bottom:none}.reveal sup{vertical-align:super;font-size:smaller}.reveal sub{vertical-align:sub;font-size:smaller}.reveal small{display:inline-block;font-size:.6em;line-height:1.2em;vertical-align:top}.reveal small *{vertical-align:top}.reveal img{margin:var(--r-block-margin) 0}.reveal a{color:var(--r-link-color);text-decoration:none;transition:color .15s ease}.reveal a:hover{color:var(--r-link-color-hover);text-shadow:none;border:none}.reveal .roll span:after{color:#fff;background:var(--r-link-color-dark)}.reveal .r-frame{border:4px solid var(--r-main-color);box-shadow:0 0 10px rgba(0,0,0,.15)}.reveal a .r-frame{transition:all .15s linear}.reveal a:hover .r-frame{border-color:var(--r-link-color);box-shadow:0 0 20px rgba(0,0,0,.55)}.reveal .controls{color:var(--r-link-color)}.reveal .progress{background:rgba(0,0,0,.2);color:var(--r-link-color)}@media print{.backgrounds{background-color:var(--r-background-color)}}
```



Copy and paste all the text from your .css file into a new code cell at the very top of your Jupyter Notebook.

Now we need to embed your .css file directly in a %%html cell at the beginning of your notebook.

%%html<style>

Copy and Paste text from your .css file  
here!

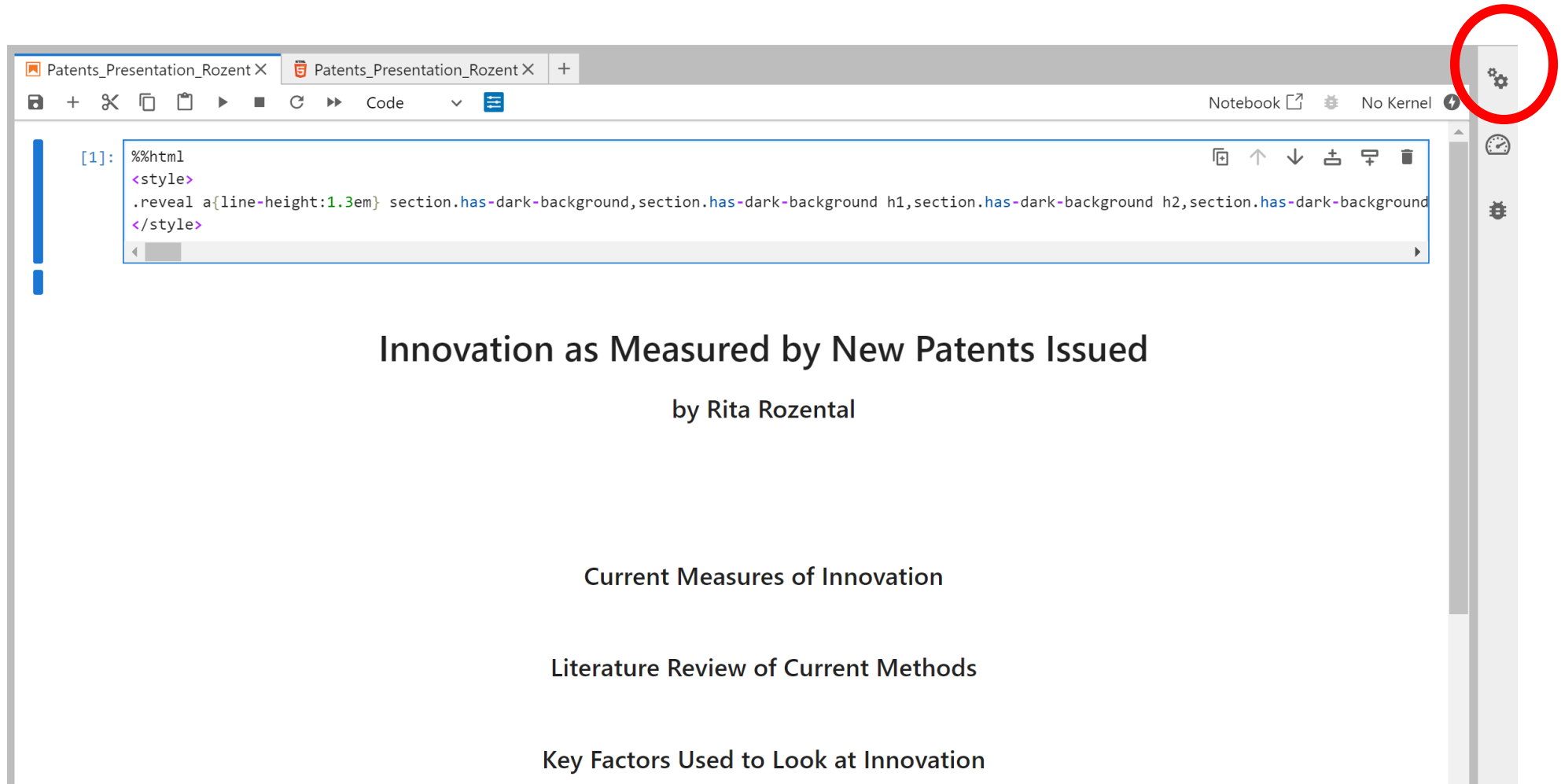
</style>A

### Example:

```
[1]: %%html
<style>
.reveal a{line-height:1.3em} section.has-dark-background,section.has-dark-background h1,section.has-dark-background h2,section.has-dark-background
</style>
```

Note: you might have to pip install RISE if you have not already!

# Next, add RISE Configurations to Notebook Metadata



The screenshot shows a Jupyter Notebook window with two tabs labeled 'Patents\_Presentation\_Rozent X'. The notebook is in 'Code' view. The first cell contains HTML code for a presentation slide. The slide content is as follows:

```
[1]: %%html
<style>
.reveal a{line-height:1.3em} section.has-dark-background,section.has-dark-background h1,section.has-dark-background h2,section.has-dark-background
</style>
```

The rendered slide content is:

## Innovation as Measured by New Patents Issued

by Rita Rozental

- Current Measures of Innovation
- Literature Review of Current Methods
- Key Factors Used to Look at Innovation

In the top right corner of the notebook interface, a settings gear icon is circled in red. Below it, in the vertical sidebar, are icons for a clock and a bug.

COMMON TOOLS

[1]: %%html

Cell Tags

Add Tag +

Editable

Editable

Slide Type

-

Table of content - Base number

ADVANCED TOOLS

Cell metadata

```
1 {
2   "editable": true,
3   "slideshow": {
4     "slide_type": ""
5   },
6   "tags": [],
7   "trusted": true
8 }
```

Notebook metadata

```
1 {
2   "kernel_spec": {
3
```

Notebook metadata

```
1 {
2   "kernel_spec": {
3
4     "display_name":
5     "Python 3 (ipykernel)",
6     "language":
7     "python",
8     "name":
9     "python3"
10  },
11   "language_info": {
12
13     "codemirror_mode": {
14       "name":
15       "ipython",
16       "version":
17       3
18     },
19
20     "file_extension":
21     ".py",
22     "mimetype":
23     "text/x-python",
24     "name":
25     "python",
26
27     "nbconvert_exporter":
28     "python",
29
30     "pygments_lexer":
31     "ipython3",
32     "version":
33     "3.10.10"
34   }
35 }
```

Scroll to bottom of “Notebook meta data”. The screenshot on the left is your current code. The screenshot below is what the updated code should look like.

Add the following code from line 19 to 24 to your “Notebook metadata”. Replace “serif” with your theme name if you picked a different theme.

```
16 "pygments_lexer":
17 "ipython3",
18 "version":
19 "3.10.10"
20 },
21 "rise": {
22   "reveal_scroll": true,
23   "theme":
24   "serif",
25   "transition":
26   "convex"
27 }
```

# Save and you should now have:

```
In [1]: %%html
<style>
.reveal a{line-height:1.3em} section.has-dark-background,section.has-dark-bac
</style>
```

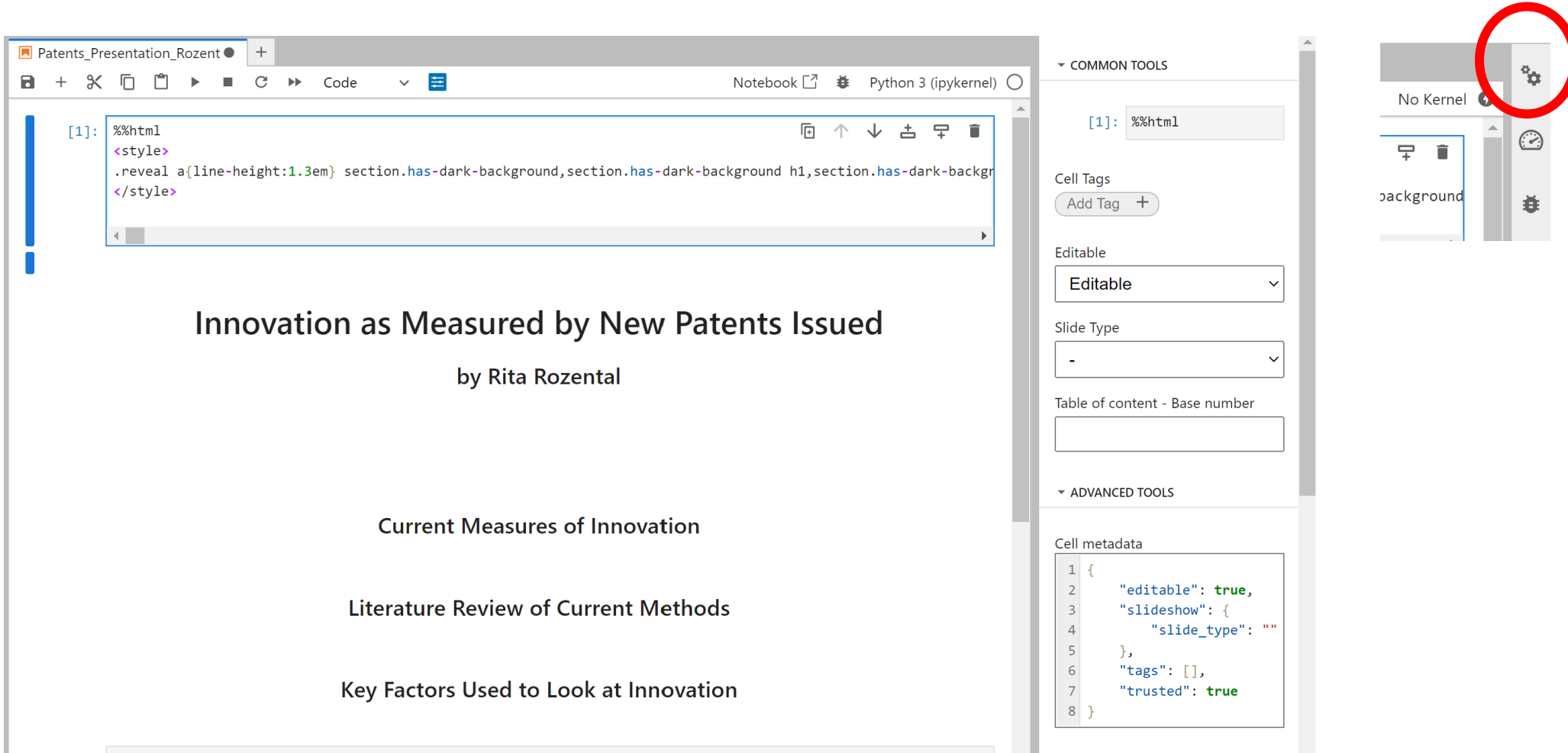
## Innovation as Measured by New Patents Issued

by Rita Rozental

Now we just have to hide the first slide!



# Select code cell and open settings



The screenshot displays a Jupyter Notebook interface. The main area shows a code cell with the following HTML code:

```
[1]: %%html
<style>
.reveal a{line-height:1.3em} section.has-dark-background,section.has-dark-background h1,section.has-dark-backgr
</style>
```

Below the code cell, the rendered HTML is visible, showing a slide titled "Innovation as Measured by New Patents Issued" by Rita Rozental. The slide content includes:

- Current Measures of Innovation
- Literature Review of Current Methods
- Key Factors Used to Look at Innovation

On the right side, the settings sidebar is open. The "COMMON TOOLS" section is visible, showing the "Cell Tags" section with an "Add Tag" button. The "ADVANCED TOOLS" section is also visible, showing the "Cell metadata" section with a JSON object:

```
{
  "editable": true,
  "slideshow": {
    "slide_type": ""
  },
  "tags": [],
  "trusted": true
}
```

A red circle highlights the settings icon (gear) in the top right corner of the interface.

# Change cell metadata

Change:

```
"slide_type": ""
```

To

```
"slide_type":  
"notes"
```

## ▼ COMMON TOOLS

```
[1]: %%html
```

Cell Tags

Add Tag +

Editable

Editable

Slide Type

-

Table of content - Base number

## ▼ ADVANCED TOOLS

Cell metadata

```
1 {  
2   "editable": true,  
3   "slideshow": {  
4     "slide_type": ""  
5   },  
6   "tags": [],  
7   "trusted": true  
8 }
```

## ▼ COMMON TOOLS

```
[1]: %%html
```

Cell Tags

Add Tag +

Editable

Editable

Slide Type

Notes

Table of content - Base number

## ▼ ADVANCED TOOLS

Cell metadata

```
1 {  
2   "editable": true,  
3   "slideshow": {  
4     "slide_type":  
5     "notes"  
6   },  
7   "tags": [],  
8   "trusted": true  
9 }
```

# Save and you're done!

## Innovation as Measured by New Patents Issued

by Rita Rozenal

