

Creating a Metabase Internal Page (walk through)

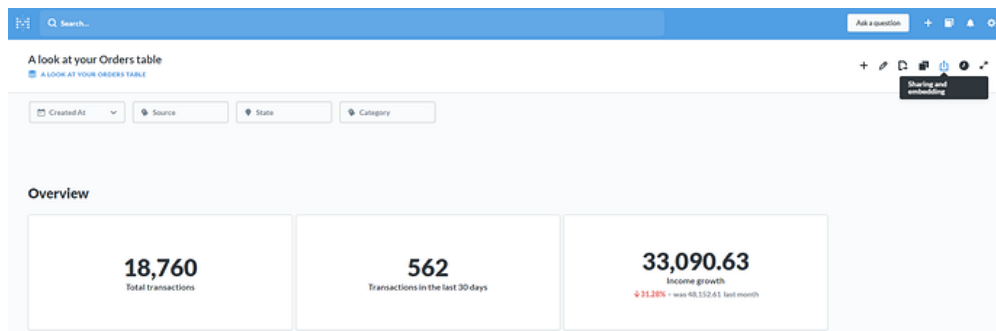
customization, dashboard

msslake

5d

This is how to embed Metabase into an internal Frappe page:

1. Set up Metabase.
2. Go into Metabase Settings/Admin/Embedding in Other Applications and enable embedding.
3. Make your dashboard.
4. Enable sharing of the dashboard



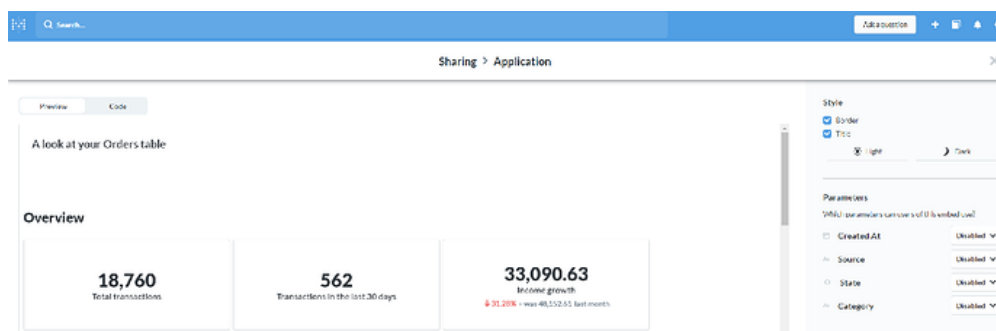
5. Click on Embed



Embed this dashboard in an application

By integrating with your application server code, you can provide a secure stats dashboard limited to a specific user, customer, organization, etc.

6. Choose your settings.



7. Click the code button

Preview

Code

8. Copy the Python and Mustache embed code. Don't forget to PUBLISH the embedded dashboard.

Insert this code snippet in your server code to generate the signed embedding URL

```
1 # You'll need to install PyJWT via pip 'pip install PyJWT' or your project packages file
2
3 import jwt
4
5 METABASE_SITE_URL = "http://localhost:3000/"
6 METABASE_SECRET_KEY = "73e2f9a64209a47ebae1f45823309c034689659859c6a30164e40e065a011"
7
8 payload = {
9     "resource": ["dashboard": 1],
10     "params": {
11     }
12 }
13
14 token = jwt.encode(payload, METABASE_SECRET_KEY, algorithm='HS256')
15
16 iframeUrl = METABASE_SITE_URL + "/embed/dashboard/" + token.decode("utf-8") + "?bordered=true&title=true"
```

Then insert this code snippet in your HTML template or single page app.

```
1 <iframe
2   src="{{iframeurl}}"
3   frameborder="0"
4   width="800"
5   height="600"
6   allowtransparency
7 ></iframe>
```

9. Go into Frappe and make a new Page

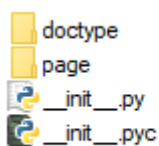
New Page 1 • Not Saved Save

☐ System Page

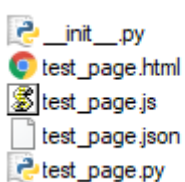
PAGE HTML

| | |
|----------------------|----------------------|
| Page Name | Module |
| <input type="text"/> | <input type="text"/> |
| Title | Restrict To Domain |
| <input type="text"/> | <input type="text"/> |
| icon | Standard |
| <input type="text"/> | <input type="text"/> |

10. Go to your page folder in whatever module you made your new page.



11. Make a .html file and a .py file with the same name as the .js file. In my example, it is called "test_page"



12. Go into the test_page.js file and modify the code to look like this, where "test_page" is the name of your html file without the html extension:

```
frappe.pages['test-page'].on_page_load = function(wrapper) {
var page = frappe.ui.make_app_page({
parent: wrapper,
title: 'A test page',
single_column: true
});
};
```

```
$(frappe.render_template('test_page')).appendTo(page.body);
}
```

13. Install pyJWT

```
pip install PyJWT
```

14. Paste your python code from Metabase into the .py file and add a print command as shown:

```
import jwt

METABASE_SITE_URL = "http://localhost:3000"
METABASE_SECRET_KEY = "XXXXXXXXX"

payload = {
  "resource": {"dashboard": 1},
  "params": {

}
}
token = jwt.encode(payload, METABASE_SECRET_KEY, algorithm="HS256")

iframeUrl = METABASE_SITE_URL + "/embed/dashboard/" + token.decode("utf8") + "#the
print(iframeUrl)
```

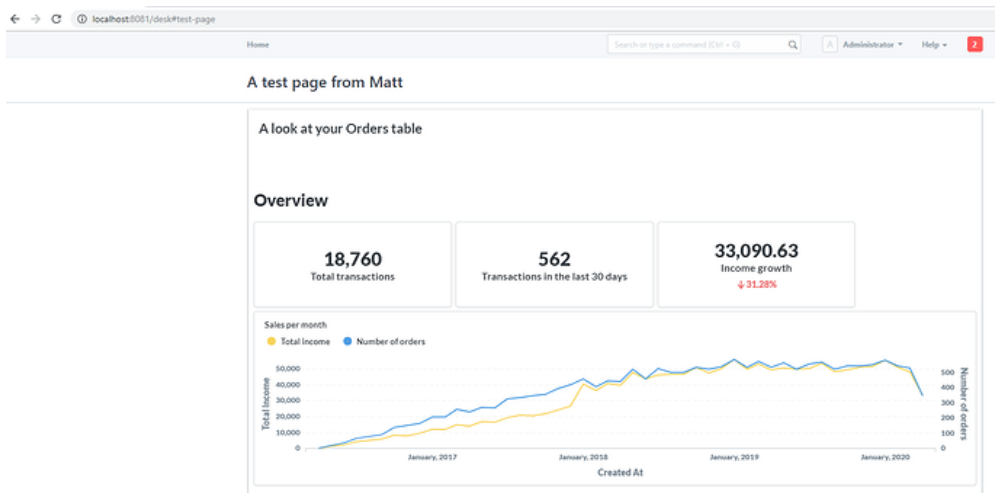
15. Go to your terminal, run python test_page.py and copy the output URL

16. Remove the print command from the test_page.py file.

17. Copy the mustache code into the test_page.html file, replace src with your URL from step 15. Modify the length and width as desired.

```
<p><iframe
src="http://localhost:3000/embed/dashboard/hfgdo8gheorhgorgnlskg#bordered"
frameborder="0"
width="100%"
height=2300
allowtransparency
</iframe></p>
```

18. Go to your site url (example: <http://localhost:8081/desk#test-page>)



Engn_pradeep

2d

After embedding it on our site "Powered by metabase" footer will display on bottom of our page???

Raghu_Veer

2d

Yes... to remove branding we should opt for premium embedding which is expensive(\$3000/Year).

jignesh_shah ERPNext Foundation

21h

(post withdrawn by author, will be automatically deleted in 24 hours unless flagged)

Frappé Technologies Pvt Ltd, Mumbai