



NYC DATA SCIENCE
ACADEMY

NYC Data Science Academy

Guide to WordPress

Updated April 2016

Table of Contents

1. [Create your user account](#)
2. [User interface overview](#)
3. [Modify your blog profile](#)
4. [Add a new post](#)
5. [Add code to your post](#)
6. [Insert interactive graphics and/or markdown and others](#)

1. Create your user account

Create a blog user account via
<http://blog.nycdatascience.com/>
("Student Projects" page)

The screenshot shows the NYC Data Science Academy Blog homepage. The browser's address bar contains `blog.nycdatascience.com`, which is highlighted with a red rectangle. The navigation bar includes links for Bootcamps, Short Courses, Hiring Partners, Corporate Offerings, Student Projects (highlighted with a red rectangle), and About Us. To the right of the navigation bar are Signup and Login buttons, with the Signup button highlighted by a red rectangle and a red arrow pointing to it from the text above. The main content area features the title "NYC Data Science Academy Blog" and a description: "The Blog is a hub for in-depth development tutorials and new technology announcements created by our Students', Faculties and community contributors in the NYCDSA network. Subscribe today for email updates." Below this is a navigation bar with links: Home, Faculty, Meetup, Students' Work, and Data Science News and Sharing. A large banner image displays "WORLD DEVELOPMENT INDICATORS 2015" over a background of a person's head. On the right side, there is a "SUBSCRIBE TO OUR NEWSLETTER" section with an email input field and a "Subscribe to Newsletter" button. Below that is a "Browse" section with a list of links: Home, Faculty, Meetup, Students' Work, and Data Science News and Sharing.

STUDENT SIGNUP

First Name *

Yichun

Last Name *

Tu

Email *

taiertu@gmail.com

Username *

taiertu

Password *

|

REGISTER

2. User interface overview

The screenshot displays the WordPress dashboard with the following annotations:

- Modify your profile**: A red arrow points to the **Dashboard** menu item in the left sidebar.
- View all posts**: A green arrow points to the **All Posts** sub-menu item under the **Posts** menu.
- Create new post**: An orange arrow points to the **Add New** sub-menu item under the **Posts** menu.

The main content area shows the **Add New Post** screen. It includes a notice about missing permissions for installing plugins, a title input field, a rich text editor with various formatting tools, and a right-hand sidebar with **Publish** and **Format** sections.

Publish section:

- Buttons: **Save Draft**, **Preview**
- Status: **Draft** (with **Edit** link)
- Visibility: **Public** (with **Edit** link)
- Publish immediately (with **Edit** link)
- Publicize: Not Connected (with **Show** link)
- SEO: N/A (with **Check** link)
- Buttons: **Move to Trash**, **Publish**

Format section:

- Selected: **Standard, Horizontal Image**
- Options: **Vertical Image**, **Video**

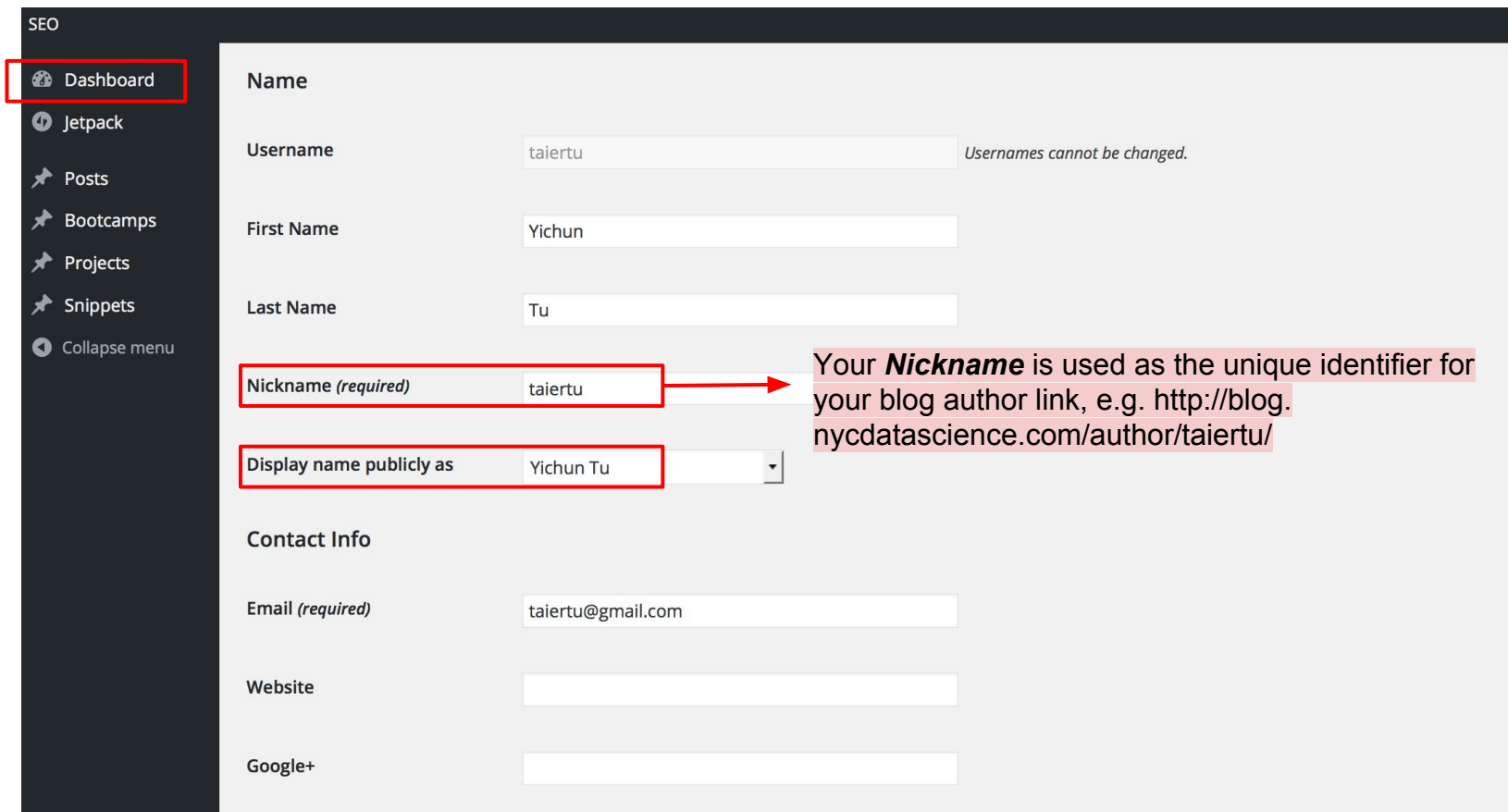
At the bottom right, there is a green button with an upward arrow.

3. Modify your blog profile (***“Dashboard”***)

There are a few fields that require attention:

- 1) Nickname
- 2) Display name publicly as
- 3) Biographical info
- 4) Profile picture

3. Modify your blog profile (“*Dashboard*”)



The screenshot shows the WordPress dashboard with the 'Dashboard' menu item highlighted in the left sidebar. The profile settings form is displayed with the following fields:

- Name**
- Username**: taiertu (Note: *Username cannot be changed.*)
- First Name**: Yichun
- Last Name**: Tu
- Nickname (required)**: taiertu (This field is highlighted with a red box, and a red arrow points from it to the explanatory text on the right.)
- Display name publicly as**: Yichun Tu (This field is also highlighted with a red box.)

Contact Info

- Email (required)**: taiertu@gmail.com
- Website**
- Google+**

Annotation: Your **Nickname** is used as the unique identifier for your blog author link, e.g. <http://blog.nycdatascience.com/author/taiertu/>

3. Modify your blog profile (“*Dashboard*”)

Dashboard

Jetpack

Posts

Bootcamps

Projects

Snippets

Collapse menu

About Yourself

Biographical Info

Profile Picture

Account Management

New Password

Sessions

Avatar

Image

solve problems. Claire graduated from the University of North Carolina at Chapel Hill where she studied urban policy and planning. In her downtime, Claire hones her visual design and web development skills to make the world a better-looking place (and of course attract more visitors to websites).

Share a little biographical information to fill out your profile. This may be shown publicly.

You can change your profile picture on [Gravatar](#).

Generate Password

Log Out Everywhere Else

Did you lose your phone or leave your account logged in at a public computer? You can log out everywhere else, and stay logged in here.

Choose Image

Original Size

Thumbnail

You can update your bio info here

Upload your headshot

Your blog profile page: go to <http://blog.nycdatascience.com/author/YourNickName/>


SEO

NYC DATA SCIENCE ACADEMY

BootcampsShort CoursesHiring PartnersCorporate OfferingsStudent ProjectsAbout Us

Post a blog


Logout



Amy (Yujing) Ma

Amy Ma received her M.S. in statistics from Rutgers University. During her college days, she applied statistical methods to study the supplier diversity and purchasing behavior of the pharmaceutical companies of Johnson & Johnson. With solid data mining knowledge and her interest in marketing research, she built A/B tests and forecasted sales of more than 8,000 retailers at IGT. Amy also contributed to one chapter of the Annual Report on International Cultural Trade of China, which is co-authored by the Bureau for External Cultural Relations, Ministry of Culture of the PRC, the Institute for Cultural Industries and Peking University. Having been a part-time power point designer for almost 4 years, Amy is excited by combining data analysis and her designer skills together, and delivering data-driven business recommendations with data visualization.

articles contributed by Amy (Yujing)




Improving Home Depot Search Relevance

by Amy (Yujing) Ma, Brett Ambur and Christopher Reddis

Given only raw text as input, our goal is to predict the relevancy of products to search results at the Home Depot website. Our

[Continue Reading...](#)

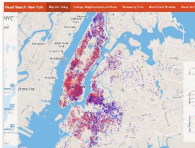


A Comparison of Supervised Learning Algorithms

by Amy (Yujing) Ma

Which supervised learning algorithm is the best? For people who just start their machine learning journey, this question always comes to their mind. To answer this [...]

[Continue Reading...](#)

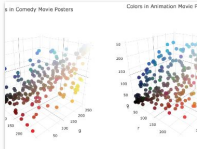


How Airbnb is in NYC? - Interactive Data Visualization in R

by Amy (Yujing) Ma

Why Airbnb? Visiting NYC? Airbnb is a good choice to book unique accommodations. I have used Airbnb.com for almost 3 years, this website helps me spend my vacation [...]

[Continue Reading...](#)

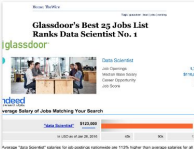


Using web scraper and K-means to find the colors in movie posters

by Amy (Yujing) Ma

Amy Ma January 30, 2016 Each movie has their own posters. Even in today's always-online climate, the movie poster remains a powerful form of advertising. Every [...]

[Continue Reading...](#)



How much do data scientists make?

by Amy (Yujing) Ma

According to Glassdoor's report, data scientists have the best jobs in the U.S. in 2016, with a median base salary of \$116,840 (national average salary of [...])

[Continue Reading...](#)

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9

4. Add a new post

When creating a new post, don't forget to:

- 1) Select the categories, e.g. R Shiny, R Visualization, Machine Learning, etc.
- 2) Set a featured image related to your project

4. Add a new post

SEO

Dashboard Jetpack Posts All Posts **Add New** Bootcamps Projects Snippets Collapse menu

Add New Post

Screen Options Help

Sorry, but you do not have the correct permissions to install the [Contact Form 7](#), [Duplicate Post](#), [Envato WordPress Toolkit](#), [Force Regenerate Thumbnails](#), [Layer Slider](#), [Recent Tweets](#), [Slider Revolution](#) and [Visual Composer](#) plugins. Contact the administrator of this site for help on getting the plugins installed.

[Dismiss this notice](#)

Enter title here

Add Media Add Contact Form

Builder » SEO Visual Text

Change your blog post to private or public

Word count: 0

Publish

Save Draft Preview

Status: Draft

Draft OK Cancel

Visibility: Public

☐ Public

☐ Password protected

☒ Private

OK Cancel

Publish immediately [Edit](#)

Publicize: Not Connected [Show](#)

SEO: N/A [Check](#)

Move to Trash Publish

4. Add a new post

Jetpack

Posts

All Posts

Add New

Bootcamps

Projects

Snippets

Collapse menu

Hide The Content

Hide the content from the WordPress editor.

OFF

Turn it ON if you build content using Content Builder. Use the Content item if you want to display the Content from editor within the Content Builder.

Layout

Select layout for this post

Full width, No sidebar

Left Sidebar

Right Sidebar

Sidebar

Select sidebar for this post

Post Sidebar

Shows only if layout with sidebar is selected.

Slider | Revolution Slider

Select slider for this page.

-- Select --

Select one from the list of available [Revolution Sliders](#)

Slider | Layer Slider

Select slider for this page.

-- Select --

Select one from the list of available [Layer Sliders](#)

Header | Image

Browse

Title Area | Hide

OFF

Link

Categories

All CategoriesMost Used

☐ R

☐ Students' Work

☐ Capstone

☐ Machine Learning

☐ R Shiny

☐ R Visualization

☐ Web Scraping

Tags

Add

Separate tags with commas

[Choose from the most used tags](#)

Featured Image

[Set featured image](#)

Don't forget to select the categories!

Don't forget to set a featured image

5. Add code to your post

- 1) Create a Gist account or login in using your GitHub account at <https://gist.github.com/>

2) On Gist, click **New gist**, paste your code to the text editor, name your file, and click **Create gist**.

The screenshot shows the GitHub Gist creation page. At the top, the browser address bar shows 'https://gist.github.com'. The GitHub Gist header includes a search bar, 'All gists', 'GitHub', and a 'New gist' button highlighted with an orange box. Below the header, there's a 'test.R' file icon and a 'No description.' label. A 'Gist description...' text input field is present. The main editor area has a file name 'BlogPost.R' highlighted with an orange box and a 'Name your file' label. The code editor contains R code for data manipulation. A 'Paste your code here' label is placed over the code. At the bottom, there are 'Add file', 'Create secret gist', and 'Create public gist' buttons, with the latter two highlighted by an orange box. A label 'Once you finish editing code, click Create Gist' points to these buttons.

GitHub Gist Search... All gists GitHub New gist

test.R No description. See all of your gists

Gist description...

BlogPost.R Name your file Spaces 2 No wrap

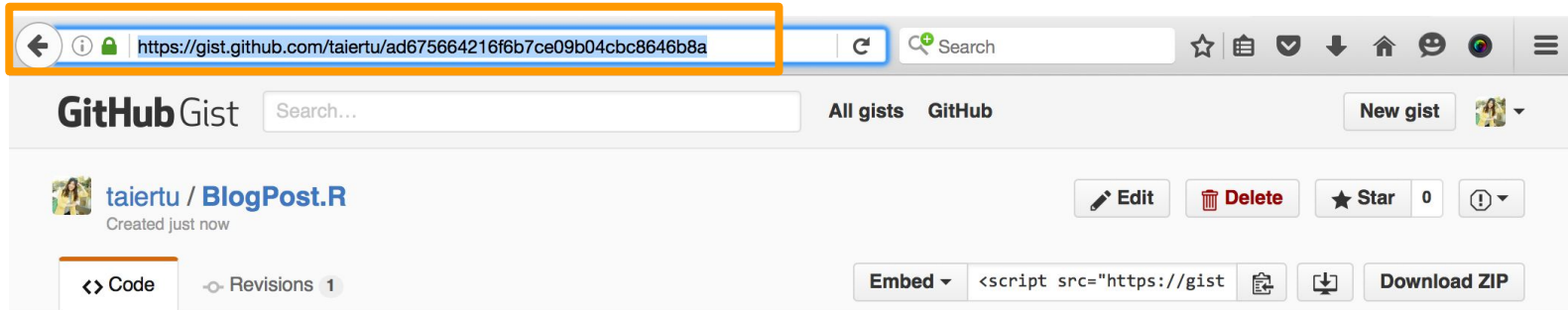
```
89 a<-intersect(out$action_6.[2],out$action_7.[2])
90 merge_act<- data.frame()
91 for (i in 1:28){
92   for (j in 1:28){
93     if (i!=j){
94       a<-intersect(out[[i]][2],out[[j]][2])
95       merge_act<-rbind(merge_act,a)
96     }}
97
98 merge_action<-merge_act%>%
99   group_by(color)%>%
100   summarise(count=n())%>%
101   arrange(desc(count))
```

Paste your code here

Once you finish editing code, click Create Gist

Add file Create secret gist Create public gist

3) Copy the gist's URL from your web browser's address bar while viewing the gist.



https://gist.github.com/taiertu/ad675664216f6b7ce09b04cbc8646b8a

GitHub Gist Search... All gists GitHub New gist

taiertu / BlogPost.R Created just now Edit Delete Star 0

<> Code Revisions 1 Embed <script src="https://gist" Download ZIP

```
BlogPost.R
1 library(dplyr)
2 library(ggplot2)
3 library(ggthemes)
4 #-----comedy-----
5 # which color shows the most?
6 df_comedy<-read.csv("comedy.csv")
7 df2<-df_comedy[,8:25]
8 df3<-as.data.frame(apply( df2, 1, which.min))
9 cnames = as.data.frame(colnames(df2)[df3[,1]])
10 colnames(cnames)<-"color"
11 col_comedy<-cnames%%
12 group_by(color)%>%
13 summarise(count=n())
14
```

4) Back to blog site, paste it on a line by itself in your post/page editor.

The screenshot shows a blog editor interface. At the top, there is a text input field labeled "Enter title here". Below this, the "Permalink" is displayed as <http://blog.nycdatascience.com/?p=10161>. A row of buttons includes "Add Media", "Add Form", and "Add Contact Form". To the right, a tabbed interface shows "Builder » SEO", "Visual", and "Text", with the "Text" tab highlighted by an orange box. Below the tabs is a row of formatting buttons: **b**, *i*, link, b-quote, del, ins, img, ul, ol, li, code, more, and close tags. A "proofread" button is located below the formatting buttons. The main editor area contains the URL `https://gist.github.com/taiertu/1f47eed8dce0a39bc01a861477af3a5d`, which is highlighted by an orange box. An orange callout box with the text "Make sure you are in the Text editor" points to the "Text" tab.

Enter title here

Permalink: <http://blog.nycdatascience.com/?p=10161>

Add Media Add Form Add Contact Form

Builder » SEO Visual **Text**

b *i* link b-quote del ins img ul ol li code more close tags

proofread

`https://gist.github.com/taiertu/1f47eed8dce0a39bc01a861477af3a5d`

Make sure you are in the Text editor

The gist will look something like this!

Enter title here

Permalink: <http://blog.nycdatascience.com/?p=10161>

Add Media

Add Form

Add Contact Form

Builder » SEO

Visual

Text

B

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ABC

☰

1/2/3

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—

☰

☰

☰

🔗

✖

☰

ABC

📄

📷

👤

☑

✉

🔄

```
1 library(dplyr)
2 library(ggplot2)
3 library(ggthemes)
4 #-----comedy-----
5 # which color shows the most?
6 df_comedy<-read.csv("comedy.csv")
7 df2<-df_comedy[,8:25]
8 df3<-as.data.frame(apply( df2, 1, which.min))
9 cnames = as.data.frame(colnames(df2)[df3[,1]])
10 colnames(cnames)<-"color"
```

6. Others

- 1) More about **Gist**: <https://en.support.wordpress.com/gist/>
- 2) Insert **interactive Plotly graphs** into your WordPress blog: <https://wordpress.org/plugins/wp-plotly/>
- 3) Embed **Tableau Workbook** into your WordPress blog: <https://www.alightanalytics.com/alight-insights/embedding-tableau-workbooks-wordpress-blogs/>
- 4) Currently WordPress is *not* compatible with **GoogleVis** graphs or **LeafLet R**
- 5) Not recommend pasting the entire R markdown file to the Text editor in WordPress; It will crash your browser unless the markdown file is small (i.e. less than 1 MB).
- 6) Multi-authors on single post is available - admins will help assign authors after the post is published.