



NYC DATA SCIENCE
ACADEMY

NYC Data Science Academy

Guide to WordPress

Updated July 2016

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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 shows `blog.nycdatascience.com`, which is highlighted with a red box. The navigation menu includes links for Bootcamps, Short Courses, Hiring Partners, Corporate Offerings, Student Projects (highlighted with a red box), and About Us. A red arrow points from the text above to the Signup button in the top right corner, which is also highlighted with a red box. 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". 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.

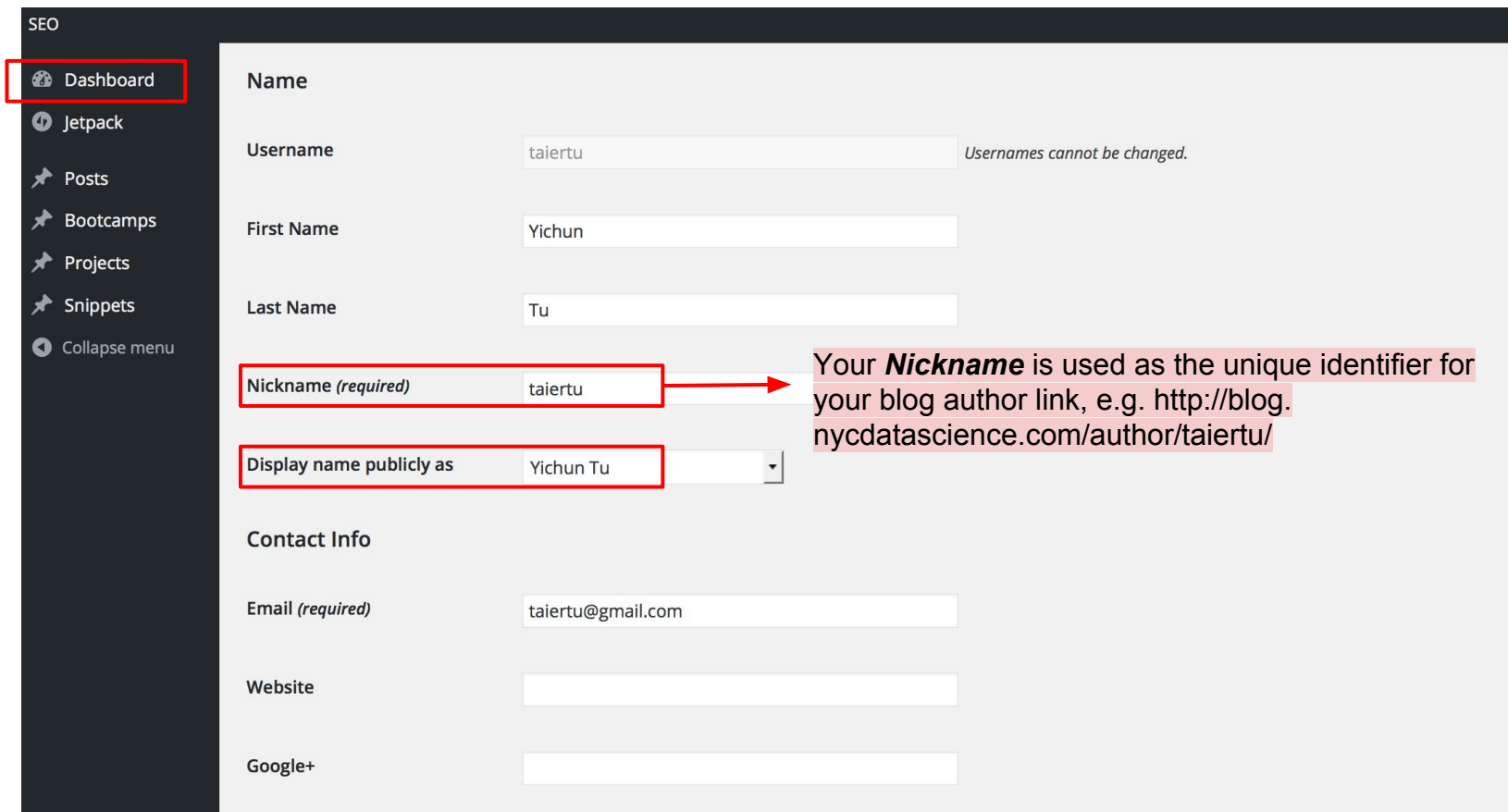
The main content area shows the **Add New Post** screen. It includes a notice about missing permissions for installing plugins, a title input field, a rich text editor with various formatting tools, and a right-hand sidebar with **Publish** and **Format** sections. The **Publish** section shows the status as **Draft** and includes buttons for **Save Draft**, **Preview**, and **Publish**. The **Format** section shows the selected format as **Standard, Horizontal Image**.

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 image shows a screenshot of the WordPress dashboard's profile settings page. On the left is a dark sidebar with a menu. The 'Dashboard' item is highlighted with a red rectangle. Below it are links for Jetpack, Posts, Bootcamps, Projects, Snippets, and a Collapse menu button. The main content area is light gray and contains several sections: 'Name' (with Username, First Name, and Last Name fields), 'Nickname (required)' (with a text field containing 'taiertu'), 'Display name publicly as' (with a dropdown menu showing 'Yichun Tu'), 'Contact Info' (with Email, Website, and Google+ fields), and a 'Jetpack' section at the bottom. A red arrow points from the 'Nickname (required)' field to a text box on the right. This text box contains the explanation: 'Your **Nickname** is used as the unique identifier for your blog author link, e.g. <http://blog.nycdatascience.com/author/taiertu/>'. The text box has a light red background.

SEO

- Dashboard
- Jetpack
- Posts
- Bootcamps
- Projects
- Snippets
- Collapse menu

Name

Username: taiertu Username cannot be changed.

First Name: Yichun

Last Name: Tu

Nickname (required): taiertu

Display name publicly as: Yichun Tu

Contact Info

Email (required): taiertu@gmail.com

Website:

Google+:

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/>



Ruonan Ding

Ruonan Ding has more than five years of experience in the actuarial science and financial field across asset management and insurance sectors. She was a pricing actuary for a property and casualty company, a lead analyst in capital reserve adequacy and product pricing. She also led cross-functional teams reporting to senior management. Her experience developing a pricing algorithm for a commercial line of insurance using loss cost empirical analysis resulted in a significant increase in profitability. This is what led Ruonan to realize her passion for data science. Ruonan also has strong background in derivative option pricing and theoretical statistics, as well as R and Python. She holds an MS in Finance, specializing in risk management from University of Illinois Urbana Champaign. In her spare time, she trains for marathons and loves dancing. She currently lives in New York City with her cat and dog.

articles contributed by Ruonan

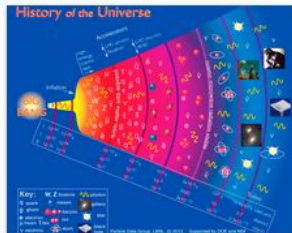


Property Casualty Loss Cost Data Type Case Study

by Ruonan Ding and Frank Wang

Contributed by by Ruonan Ding, Frank Wang. They are currently in the NYC Data Science Academy 12 week full time Data Science Bootcamp program taking place

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Higgs Boson Kaggle Case Study

by Ruonan Ding, Frank Wang and Joseph Wang

Contributed by by Ruonan Ding, Frank Wang and Joseph Wang. They are currently in the NYC Data Science Academy 12 week full time Data Science Bootcamp program taking place between April [...]

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Option Pricing Overview

by Ruonan Ding

Contributed by Ruonan Ding. She is currently in the NYC Data Science Academy 12 week full time Data Science Bootcamp program taking place between April 11th to July 1st, 2016. This post [...]

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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', and a 'New gist' button highlighted with an orange box. Below the header, there's a section for 'test.R' with 'No description.' and a link to 'See all of your gists'. The main editor area has a 'Gist description...' field. Below this, the file name 'BlogPost.R' is entered and highlighted with an orange box. The code editor contains R code for data manipulation, with a large orange box highlighting the code. To the right of the code, the text 'Paste your code here' is displayed. At the bottom right, the text 'Once you finish editing code, click Create Gist' is shown. The bottom of the editor features an 'Add file' button and two buttons: 'Create secret gist' and 'Create public gist', both highlighted with orange boxes.

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

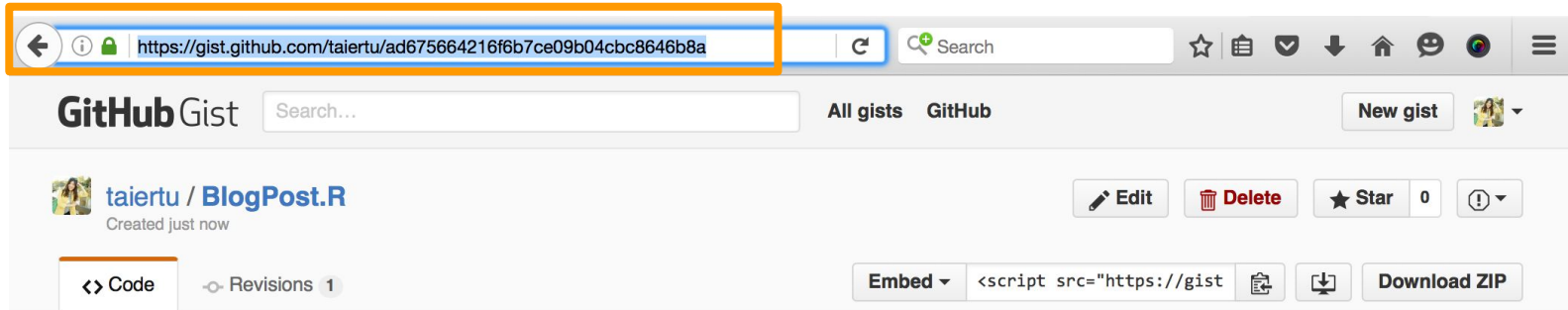
```
89 a<-intersect(out$action_6.[2],out$action_7.[2])
90 merge_act<- data.frame()
91 for (i in 1:28){
92   for (j in 1:28){
93     if (i!=j){
94       a<-intersect(out[[i]][2],out[[j]][2])
95       merge_act<-rbind(merge_act,a)
96     }}
97
98 merge_action<-merge_act%>%
99   group_by(color)%>%
100   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 it, 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" (which is highlighted with an orange border). 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 with an orange border. A text annotation "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

I

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"
```

17

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) **Co-authors** on single post is available - admins will help assign authors after the post is published / or ready to publish.