

## Basic Steps: Using Quarto in RStudio Cloud for Beginners

### Step 1: Access RStudio Cloud

1. Open your web browser and go to RStudio Cloud (now called Posit Cloud)
2. Sign in to your account
3. Open your workspace or project

### Step 2: Create a New Quarto Document

1. In RStudio Cloud, click on **File** in the menu bar
2. Select **New File** from the dropdown menu
3. Choose **Quarto Document...** from the submenu

### Step 3: Fill Out the New Document Dialog

1. Enter a **Title** for your document (e.g., "My First Quarto Document")
2. Enter your **Name** as the author
3. Choose your preferred **Format**:
  - HTML (recommended for beginners), PDF, or Word
4. Click **Create**

### Step 4: Understanding the Quarto Document

Your new document will have:

- **YAML header** at the top (between --- lines) with title, author, and format
- **Sample content** including text and code chunks
- **File extension**: .qmd (Quarto Markdown)

### Step 5: Edit Your Document

#### Option A: Source Editor

- Click the **Source** tab to see raw markdown
- Type markdown syntax directly

#### Option B: Visual Editor (we will talk about this later)

### Step 6: Add Content

- Replace the sample text with your own content
- Add headings using #, ##, ###, etc.
- Insert images: ![alt text](image-filename.png)

- Create lists, add links, format text as needed

### Step 7: Work with Code Chunks

- Existing R code chunks look like:
- ```{r}`

# Your R code here

- Click the green arrow to run individual chunks
- Modify or add new code chunks as needed

### Step 8: Render Your Document

1. Click the **Render** button (blue arrow icon) in the toolbar
2. Your document will be processed and displayed in the **Viewer** pane
3. You can see the final HTML/PDF output

### Step 9: Save Your Work

1. Use Ctrl + S (or Cmd + S on Mac) to save
2. Your file will be saved with a .qmd extension
3. The rendered output (HTML/PDF) will be saved automatically

### Step 10: Optional Settings

- Check **Render on Save** if you want automatic rendering when you save
- Use **File > New Project > New Directory > Quarto Project** for larger projects

### Tips for Beginners

- Start with the **Visual Editor** - it's more user-friendly
- Use the **Render** button frequently to see your changes
- The **Viewer** pane shows your rendered document
- Code chunks can be run individually or all at once
- Quarto documents work very similarly to R Markdown if you're familiar with that

### Quick Reference

- **New Quarto Document:** File > New File > Quarto Document...
- **Render:** Click the blue Render button
- **Visual Editor:** Click "Visual" tab for WYSIWYG editing
- **Run Code Chunk:** Click green arrow in chunk