The Shiny ecosystem:

N°	Thematic - usage	Package	Created by	Description
1	Create web apps	shiny	RStudio	RStudio's Framework for creating web apps in R
2	Create web dashboards	shinydashboard	RStudio	RStudio's Framework for creating web dashboards in R
3	Create beautiful web dashboards	shinydashboardPlus	RinteRface	RinteRface's Framework for creating enhanced (beautiful) web dashboards in R
4	Widgets HTML	shinyWidgets		
5	UI – Add UI materials	shinymaterial		Implements Material Design in Shiny Applications
6	Add JS chunks to shiny	shinyalert	Dean Attali	Easily create pretty popup messages (modals) in Shiny. Modals can contain text, images, OK/Cancel buttons, an input to get a response from the user, and many more customizable options. Uses the **sweetalert** JavaScript library to create simple and elegant popups (modals) in Shiny
7	USE JS in Shiny	shinyjs	Dean Attali	A simple Shiny module for putting swipe based interfaces into shiny apps. Ever felt like Shiny wasn't "tinder-y" enough? Well here you go.
8	Create web apps & sites	ArgonR	RinteRface	ArgonR primarily aims at building static webpages, without the need of shiny or server part. However, it can be also used within shiny packages such as argonDash, a bootstrap4 shiny dashboard
9	Create web dashboards	argonDash	RinteRface	Same as ArgonR, However, it can be also used within shiny packages, a bootstrap4 shiny dashboard
10	UI - Beautiful Shiny	shiny.semantic	Appsilon	In short, It's a library that makes it easy to wrap Shiny with Semantic UI components. It attaches all semantic external files which are stored on our CDN for improved loading speeds. The package has many popular components wrapped by default, but it is not hard to extend it even more by creating specific custom components that you may need. For that purpose, it has a universal input binding method for your custom user interfaces which enables you to create various types of inputs.
11	UI - Beautiful Shinydashboard	semantic.dashboard	Appsilon	The syntax is compatible with the 'shinydashboard' If you haven't used a dashboard as a base for your app before, give it a try. It allows you to easily structure your app, making it more user-friendly. You divide your UI between 3 sections – header, a sidebar for navigation, and a dashboard body for displaying main content. With our package, you can also easily test out different Semantic-UI themes with a line of code. You can find some of those on semantic forest. If you need more flexibility in styling you can also customize it to your liking with CSS
12	Introduce URL routing to Shiny app	shiny.router	Appsilon	Shiny.router is a tool that will help you introduce URL routing to your Shiny app.
13	Create multi-language apps	shiny.i18n	Appsilon	i18n supports translations in JSON or CSV format. You can have all your languages and translations in one file, but if it is needed, languages can be separated between different files for each language. This allows you to spread the translation process which may be crucial if you are going to translate into multiple languages.
14	UI – Display dev info	shiny.info	Appsilon	shiny.info introduces boxes with simple diagnostic information for developers that show up in the corner of your Shiny app. You can display things like: ● Loader that shows up during long computation – busy() ● App version from global variable VERSION – version() ● Box with branding – powered_by("Company", "#Link") ● Git information – git_info() ● Custom message or anything else to help with your development – display("Some diagnostic information")
16	UI – Swipe elements	shinyswipr	Nick Strayer	
17	Create dashboards	flexdashboard	RStudio	Easy interactive dashboards for R
18	Create dashboards & reports in app	Rmarkdown	RStudio	Easy static or interactive html, pdf, word, etc reports to communicate effectively your outputs

19		shinysense (Not on CRAN yet, not totally stable)	Nick Strayer	Currently the package supports the following 'senses'. ***Touch :*** • ***drawr*** & ***shinydrawr***: Draws a line chart that obscures the end of the results, the user then draws what they think the rest of the chart is and then the rest of the chart is revealed. ○ Blatantly stolen from the New York Times article You Draw It: What Got Better or Worse During Obama's Presidency. • shinyswipr: Embeds a card that can be swiped in different directions, the swipe direction is returned to shiny. ***Vision:*** • ***shinyviewr:*** Record images from a webcam or any other camera connected to browser viewing app. ***Hearing:*** • ***shinylistenr:*** Records audio on a button press and returns the fast-fourier transformed signal to the server. ***Motion:*** • ***shinymovr: Capture and return accelerometer data from your phone or tablet.*** ○ ***Used in this cast spells shiny app to classify spell cast motions using deep learning***
20	Prod scale	golem	ThinkR	Golem is an opinionated framework for building production-grade shiny applications. Allow creating Shiny apps as R packages, also to Dockerize them and deploy easily to shinyproxy.io
21	Prod – scaling – Testing	shinyTest	RStudio	After you get your Shiny application to a state where it works, it's often useful to have an automated system that checks that it continues to work as expected. There are many possible reasons for an application to stop working. These reasons include: • An upgraded R package has different behavior. (This could include Shiny itself!) • You make modifications to your application. • An external data source stops working, or returns data in a changed format. One way to detect these problems is with manual testing – in other words, by having a person interact with the app in a browser – but this can be time-intensive, inconsistent, and imprecise. Having automated tests can alert you to these kinds of problems quickly and with almost zero effort, after the tests have been created
22	Prod – scaling – Testing	shinyloadtest	RStudio	**shinyloadtest** is an R package used to generate recordings and analyze results. You should install it on your development machine. The **shinyloadtest** package and the accompanying ***shinycannon*** software enable load testing deployed Shiny applications.
23	Performance Testing	Profvis	RStudio	
24	Performance	Plot Cashing	RStudio	A functions series in Shiny, not a package. **Dramatically speed up repeated plots**
25	Performance	Async (promises package)	RStudio	A method not a package.
26	UI – Prototyping	shinipsum	ThinkR	The goal of {shinipsum} is to provide random shiny elements for easiest shiny app prototyping, so that you can focus on building the frontend before building the backend.
27	Save time in developing apps	shinysnippets	ThinkR	The goal of shinysnippets is to save development time while taking advantage of Rstudio snippets for Shiny applications.
28	UI – Prototyping	fakir	ThinkR	Generate data easily to train functions when prototyîng a shiny app
29	Mobile	shinymobile	RinteRface	Develop outstanding {shiny} apps for iOS, Android, desktop as well as beautiful {shiny} gadgets. {shinyMobile} is built on top of the latest ***Framework7*** template.