

surveydown: An Open-Source, Markdown-Based Survey Platform

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What do we need from a survey platform?

Survey features

Free to Use

Open Source

Learning Curve

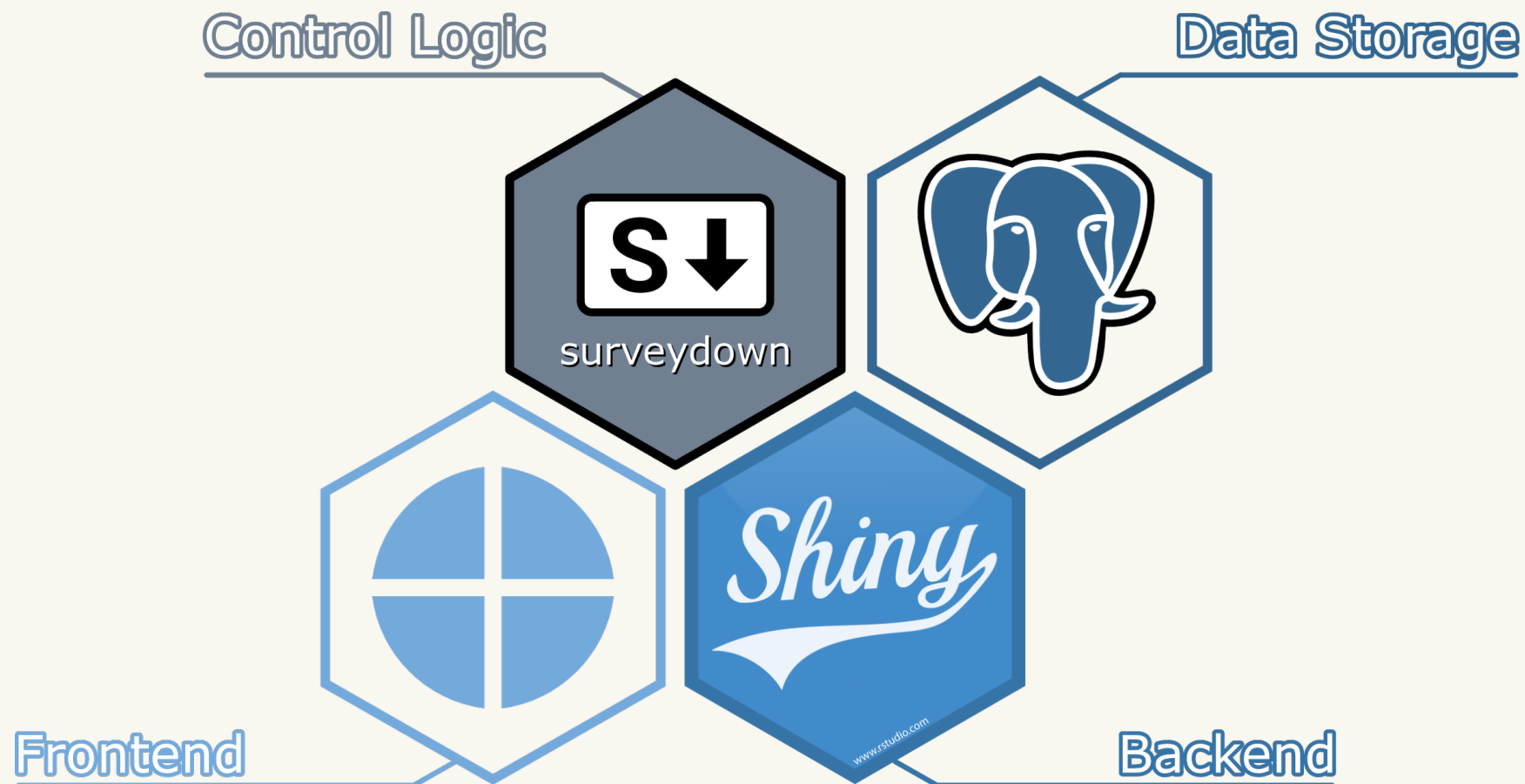
Reproducible

Generalizable

Existing Survey Platforms

Platform	Free to Use	Open Source	Learning Curve	Reproducible	Generalizable
formr	Yes	Yes	High	Yes	Moderate
Google Form	Yes	No	Low	No	Moderate
Open Data Kit	Partial	Yes	Medium	Partial	Strong
REDCap	Partial	No	High	No	Moderate
CASIC Builder	No	No	High	No	Low
SurveyCTO	No	No	Medium	Yes	Moderate
Qualtrics	No	No	Low	No	Strong
QDS	No	No	High	No	Low
surveydown	Yes	Yes	Low	Yes	Strong

Introducing **surveydown**



A surveydown Project

survey.qmd

Load package:

```
1 library(surveydown)
```

Write markdown:

```
# Welcome Page
Hi! This is a **surveydown** survey!
```

Define question:

```
1 sd_question(
2   type   = "mc",
3   id     = "like_apple",
4   label  = "Do you like apple?",
5   option = c(
6     "Yes" = "yes",
7     "No"  = "no"
8   )
9 )
```

Next page & End survey:

```
1 sd_next()
2 sd_close()
```

app.R

Database setup:

```
1 # Supabase credentials
2 sd_db_config()
3
4 # Connect to database
5 db <- sd_db_connect()
```

Server setup:

```
1 server <- function(input, output, session) {
2
3   # Skip logic
4   sd_skip_if(...)
5
6   # Conditional display
7   sd_show_if(...)
8
9   # Server settings
10  sd_server(...)
11 }
```

Launch survey:

```
1 shiny::shinyApp(ui = sd_ui(), server = server)
```

Demo - Built-in Question Types

Demo - Question Types

Hi! This is a showcase of different question types and question formatting that surveydown supports.

Please make your choice below.

Where do you want to go to?

- ☐ Take me to the page on Question Types (the next page)
- ☐ Take me to the page on Question Formatting
- ☐ Skip to the end

Next

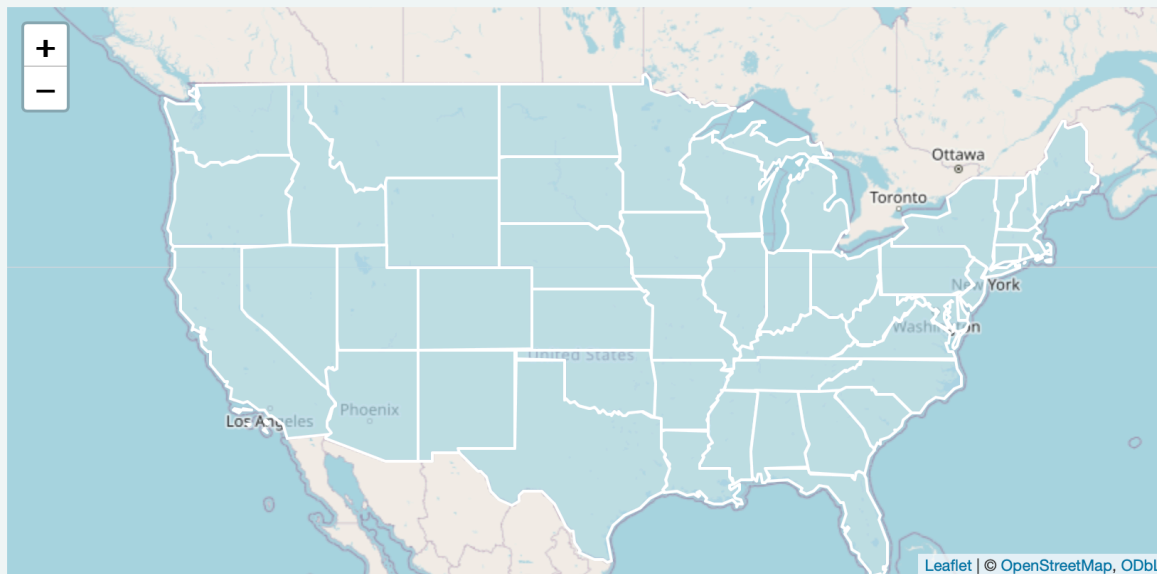
Demo - leaflet Map

Demo - Leaflet Map

Note

This question is made using `sd_question_custom()` in `app.R`, and accessed using `sd_output()` in `survey.qmd`.

Click on the state you live in: 



You live in:

Next

Proceed to surveydown.org for more details.