Cognitive walk-through tasks Version 1 (Job Posting)

Tasks.

* How would you upload the data?
* How would you check which column has the most missing values?
* How would you check the outliers in your numeric data?
* How would you determine the quality of your data?
* How would you clean the data (remove duplicates)?
* How would you export the new clean data?

Cognitive walk-through version 2 (New UI)

* How would you upload the data?
* How would you check which column has the most missing values?
* How would you check the outliers in your numeric data?
* How would you determine the quality of your data?
* How would you clean the data (remove duplicates)?
* How would you export the new clean data?

Task: Upload data

User action steps:

* Locate the upload button
* Upload file

What to record:

* Is the upload button easy to find?
* Are supported file formats clearly indicated?

What to look out for:

* How does the system handle error

Task: Check which column has the most missing data

User action steps:

* Navigate to data profiling
* Navigate to missing value visual
* Read chart to determine which field has the most missing values

What to record:

* Can the user easily navigate to the data profile page?
* Can the user find the chart?
* Can the user read the chart and get the answer?

What to look out?

* Time it took
* User suggestions on how they would better analyze and determine.

Task: Check for outliers

User action steps:

* Navigate to the outlier chart
* Can the user read the plots and see their outliers

What to record:

* How the user read the chart
* Can they find the chart

What to look out?

* Time it took

Task: How would you determine the quality of data?

User action steps:

* Look at the charts
* Analyze and determine whether their data quality is good

What to record:

* How they analyze the profiling
* Were they confident in their assertion

What to look out for:

* User suggestions on how they would better analyze and determine.

Task: How would you clean the data

User action steps:

* Navigate to data cleaning page
* Click the appropriate cleaning button

What to record:

* Is it clear
* Were they confident that they made the correct choice.

Task: How would you export the clean data

User action steps:

* Navigate to the export
* Find it in their downloads.

What to record

* How did they navigate to the export button
* How much time did it take.