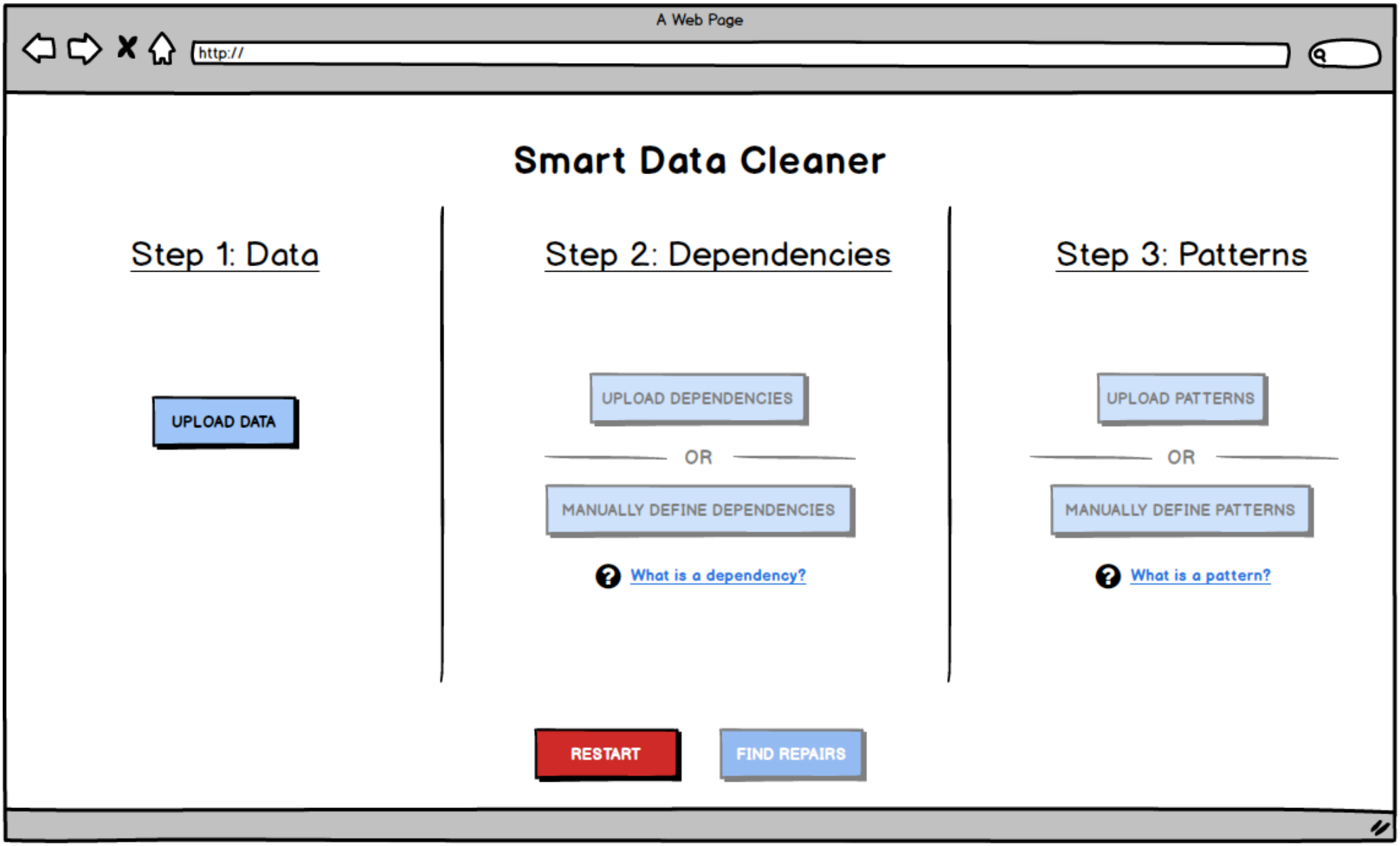
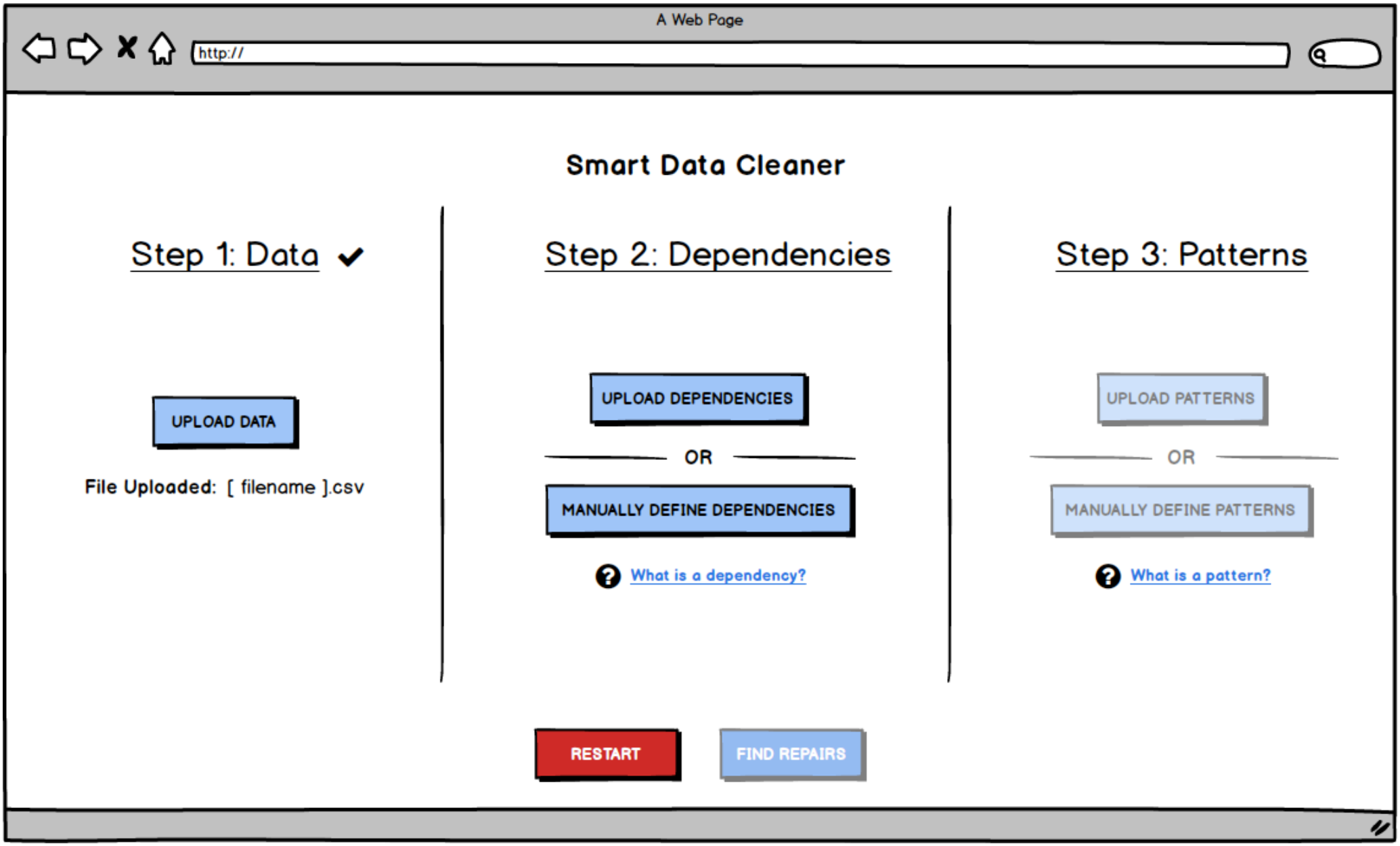
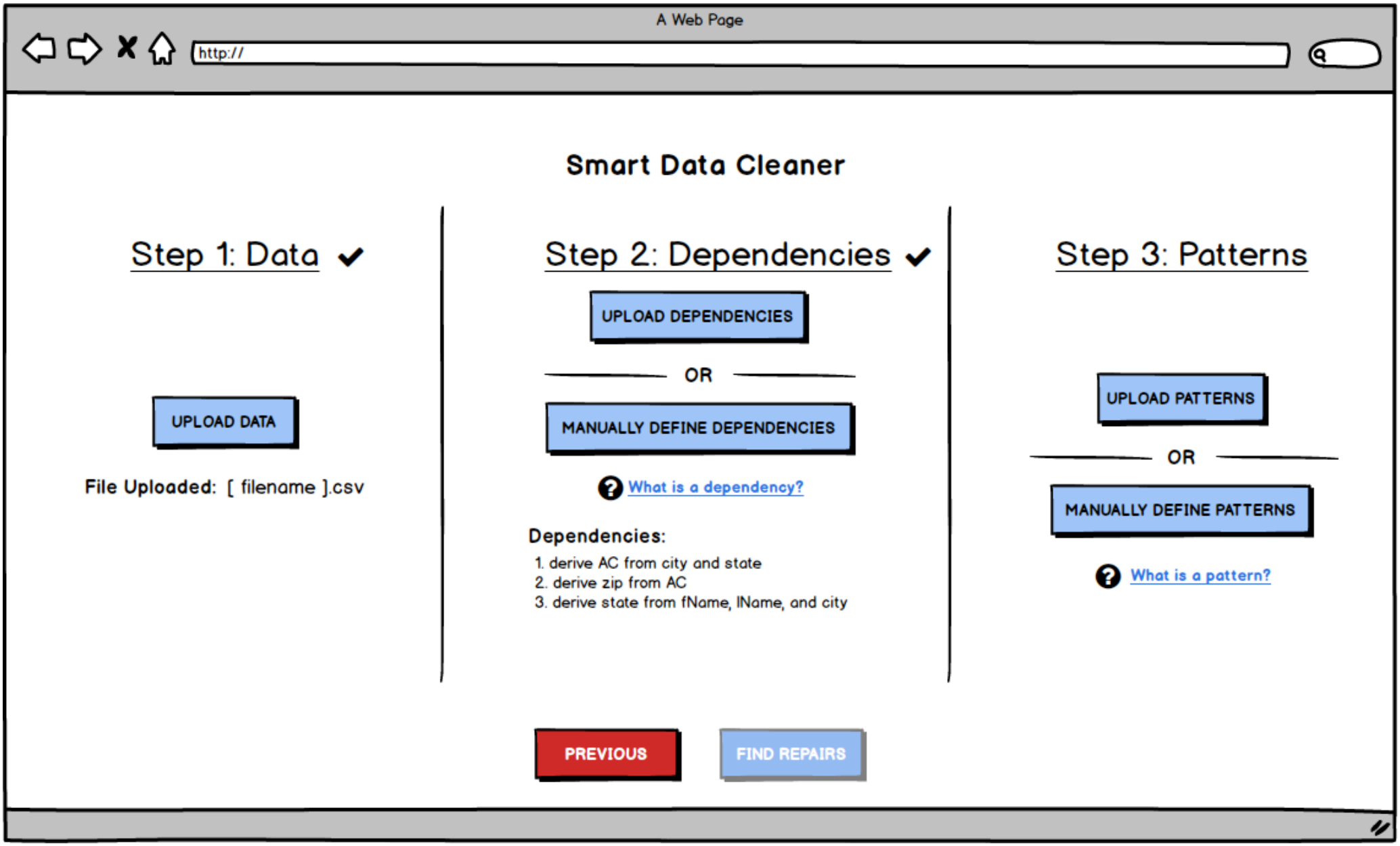
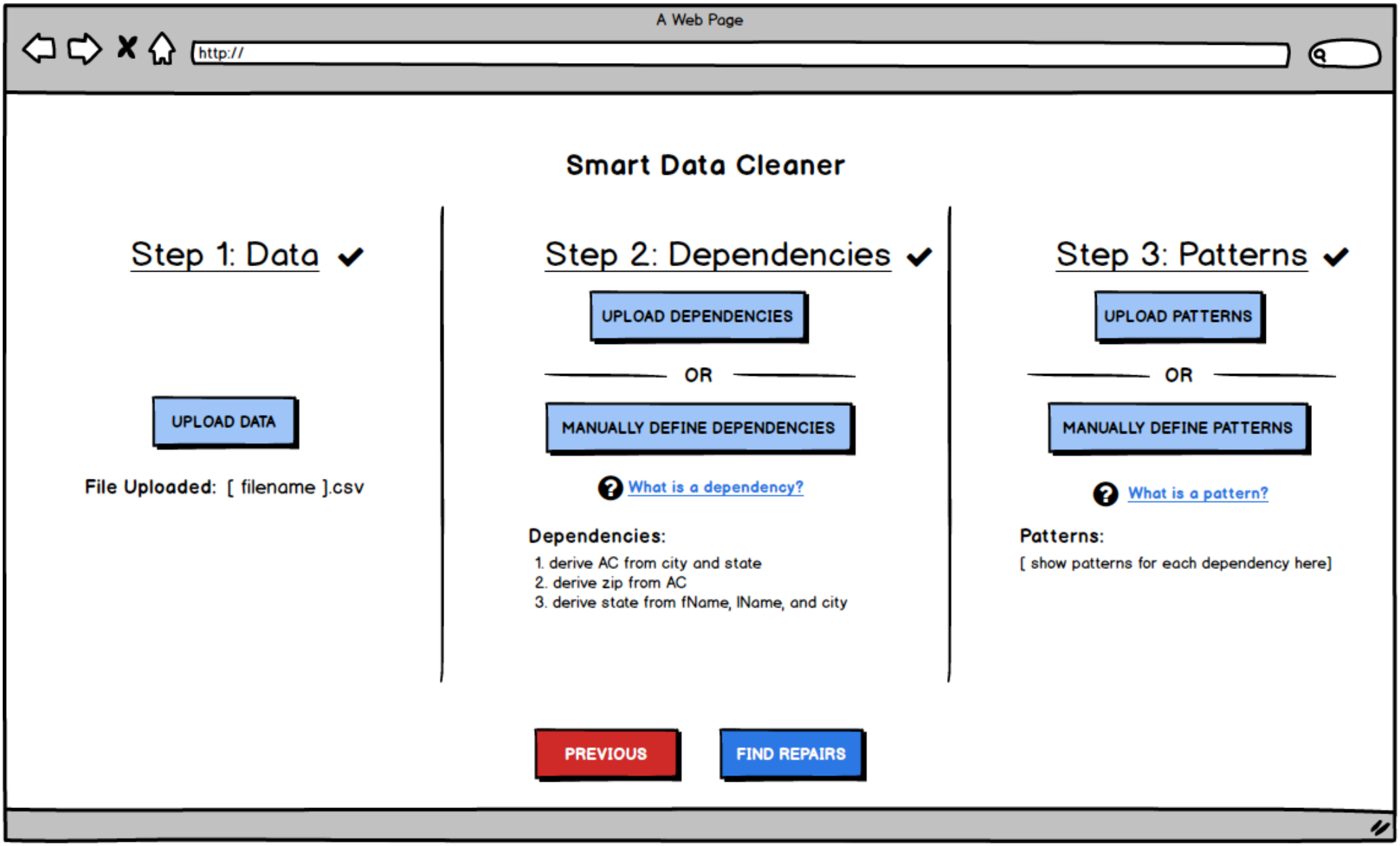

A Web Page
http://
Smart Data Cleaner
Step 1: Data
UPLOAD DATA
Step 2: Dependencies
UPLOAD DEPENDENCIES
OR
MANUALLY DEFINE DEPENDENCIES
What is a dependency?
Step 3: Patterns
UPLOAD PATTERNS
OR
MANUALLY DEFINE PATTERNS
What is a pattern?
RESTART
FIND REPAIRS


A Web Page
http://
Smart Data Cleaner
Step 1: Data ✔
UPLOAD DATA
File Uploaded: [filename].csv
Step 2: Dependencies
UPLOAD DEPENDENCIES
OR
MANUALLY DEFINE DEPENDENCIES
What is a dependency?
Step 3: Patterns
UPLOAD PATTERNS
OR
MANUALLY DEFINE PATTERNS
What is a pattern?
RESTART
FIND REPAIRS


A Web Page
http://
Smart Data Cleaner
Step 1: Data ✔
UPLOAD DATA
File Uploaded: [filename].csv
Step 2: Dependencies ✔
UPLOAD DEPENDENCIES
OR
MANUALLY DEFINE DEPENDENCIES
What is a dependency?
Dependencies:
1. derive AC from city and state
2. derive zip from AC
3. derive state from fName, lName, and city
Step 3: Patterns
UPLOAD PATTERNS
OR
MANUALLY DEFINE PATTERNS
What is a pattern?
PREVIOUS
FIND REPAIRS


A Web Page
http://
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UPLOAD DATA
File Uploaded: [filename].csv
Step 2: Dependencies ✔
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OR
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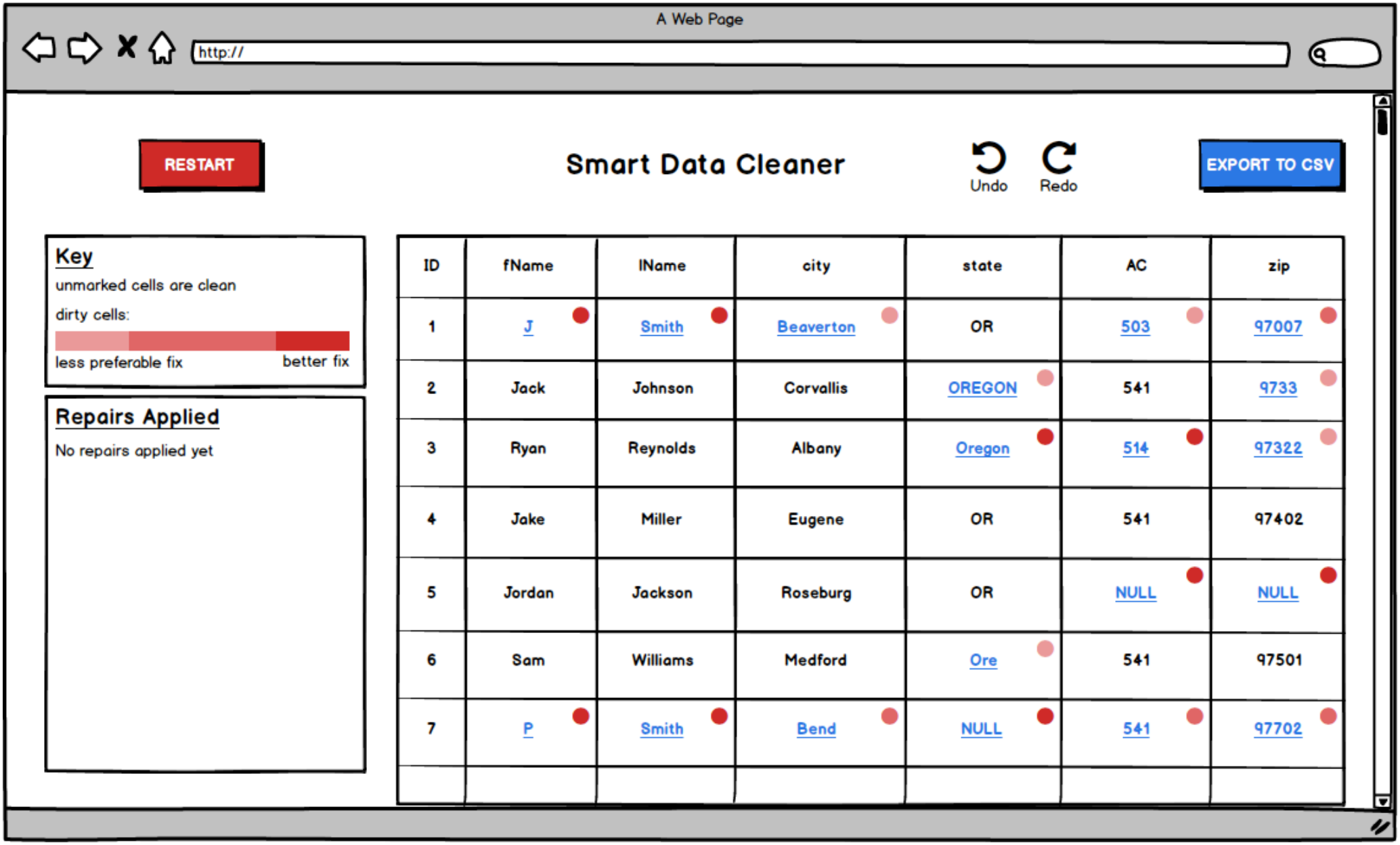
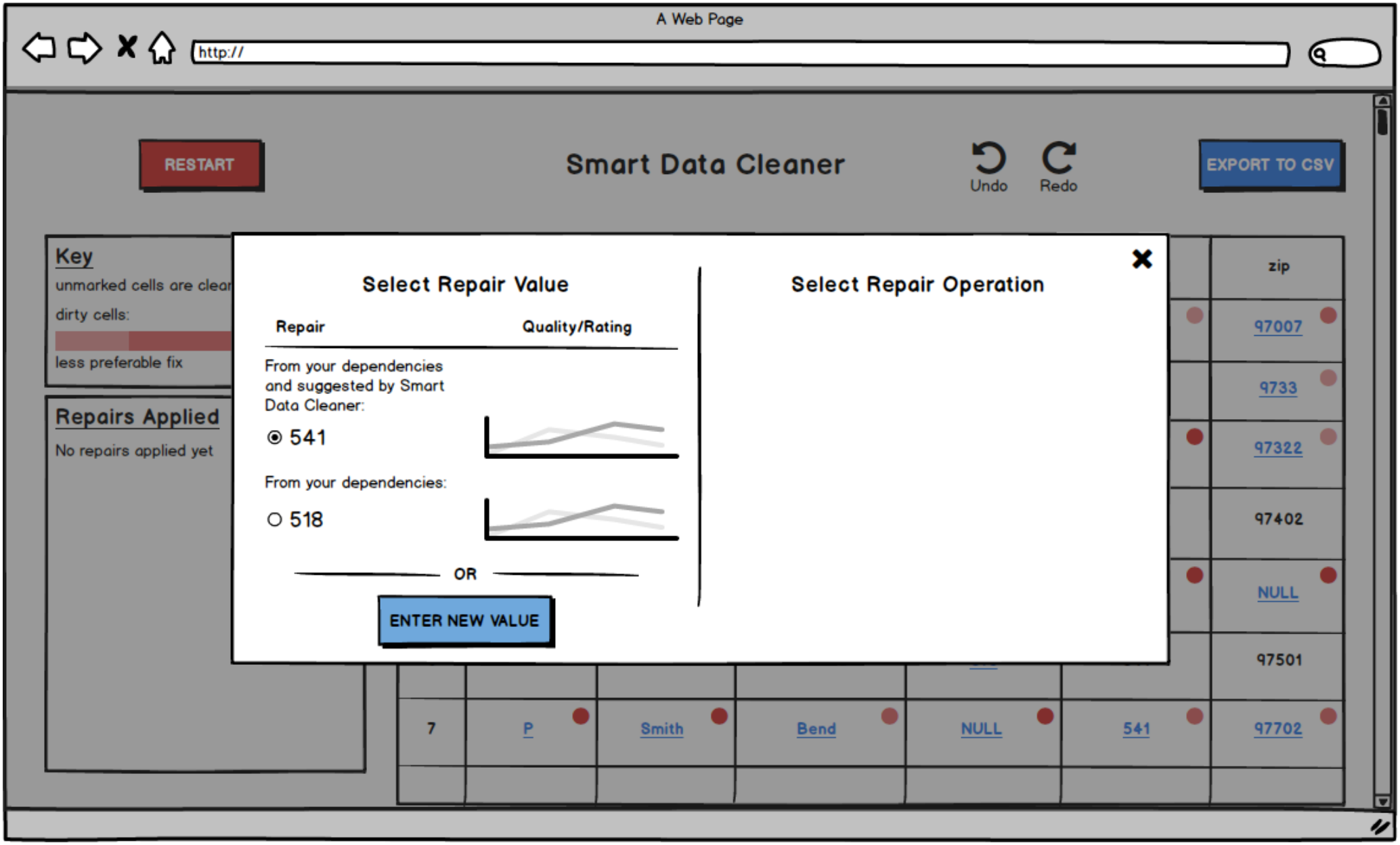
3. derive state from fName, lName, and city
Step 3: Patterns ✔
UPLOAD PATTERNS
OR
MANUALLY DEFINE PATTERNS
What is a pattern?
Patterns:
[show patterns for each dependency here]
PREVIOUS
FIND REPAIRS


A Web Page
http://
RESTART
Smart Data Cleaner
Undo
Redo
EXPORT TO CSV
Key
unmarked cells are clean
dirty cells:
less preferable fix
better fix
Repairs Applied
No repairs applied yet
ID
fName
lName
city
state
AC
zip
1
J
Smith
Beaverton
OR
503
97007
2
Jack
Johnson
Corvallis
OREGON
541
9733
3
Ryan
Reynolds
Albany
Oregon
514
97322
4
Jake
Miller
Eugene
OR
541
97402
5
Jordan
Jackson
Roseburg
OR
NULL
NULL
6
Sam
Williams
Medford
Ore
541
97501
7
P
Smith
Bend
NULL
541
97702


A Web Page
http://
RESTART
Smart Data Cleaner
Undo
Redo
EXPORT TO CSV
Key
unmarked cells are clear
dirty cells:
less preferable fix
Repairs Applied
No repairs applied yet
Select Repair Value
Repair
Quality/Rating
From your dependencies and suggested by Smart Data Cleaner:
541
From your dependencies:
518
OR
ENTER NEW VALUE
Select Repair Operation
zip
97007
9733
97322
97402
NULL
97501
7
P
Smith
Bend
NULL
541
97702

A Web Page

http://

RESTART

Smart Data Cleaner

Undo Redo

EXPORT TO CSV

Key

unmarked cells are clear

dirty cells:

less preferable fix

Repairs Applied

No repairs applied yet

Select Repair Value

Repair	Quality/Rating

From your dependencies and suggested by Smart Data Cleaner:

◉ 541

From your dependencies:

○ 518

OR

ENTER NEW VALUE

Select Repair Operation

Suggested by Smart Data Cleaner:

○ 1. Derive state from fName, lName, and city
2. Derive AC from city and state
View Pattern

From your dependencies:

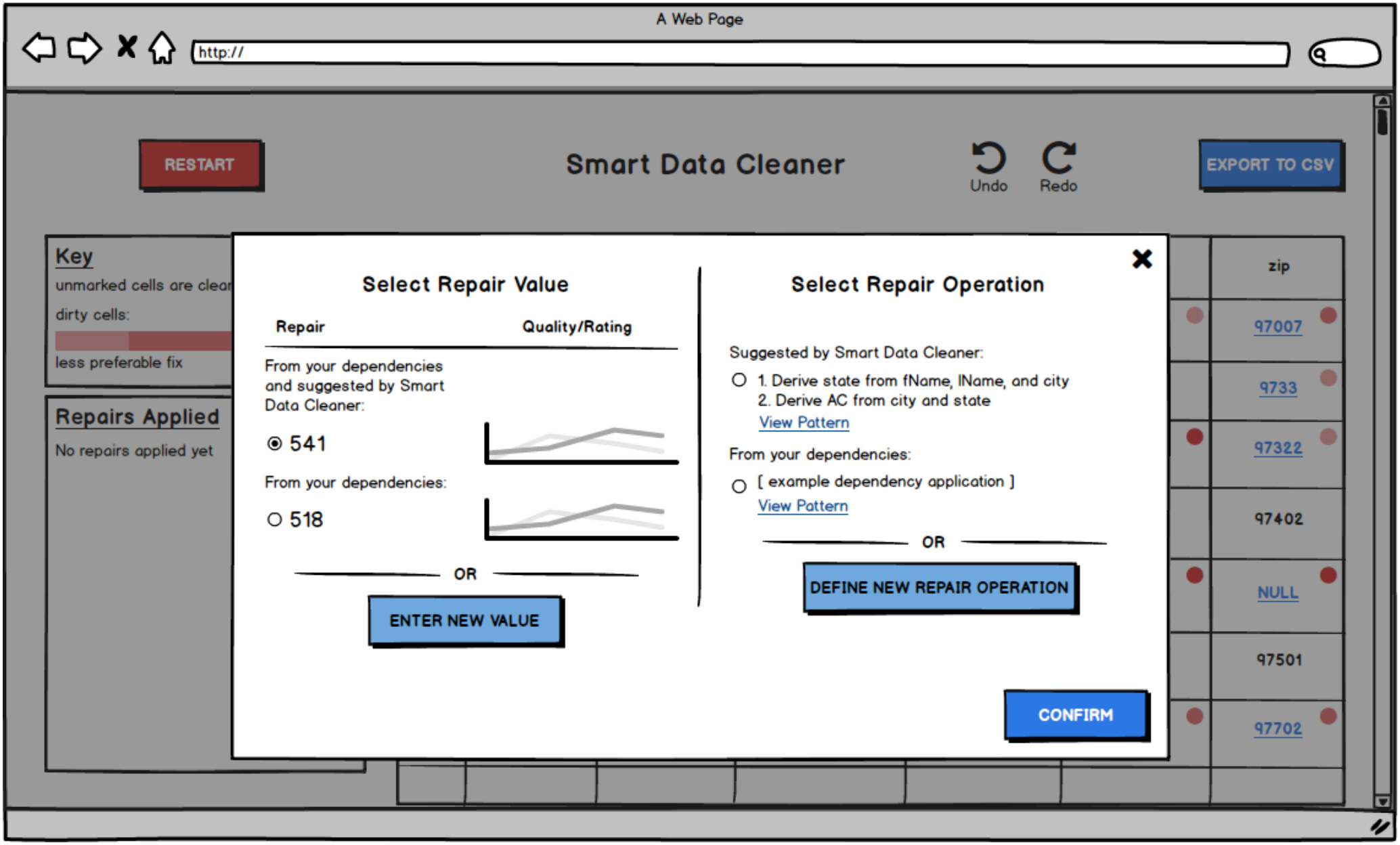
○ [example dependency application]
View Pattern

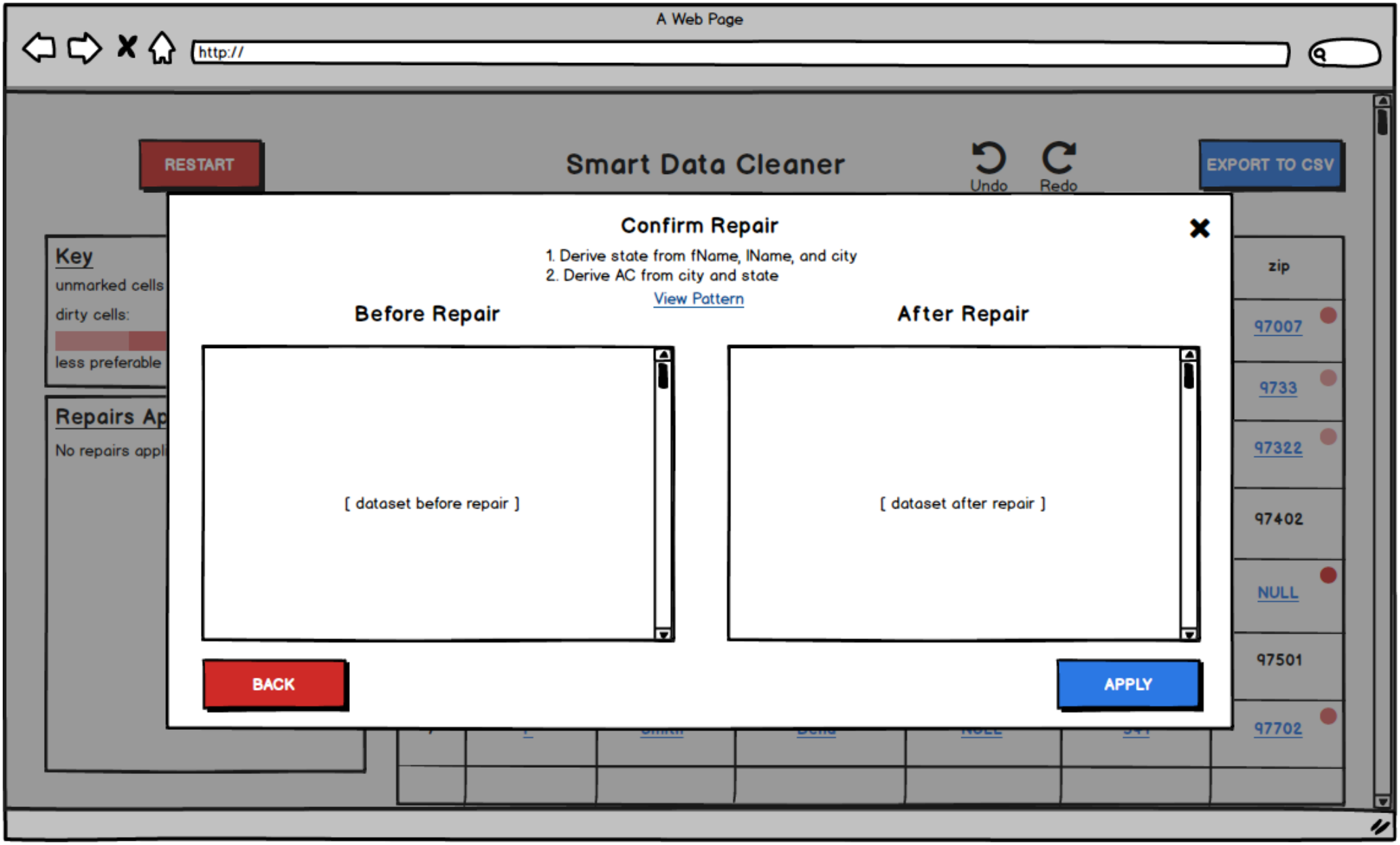
OR

DEFINE NEW REPAIR OPERATION

CONFIRM

zip
97007
9733
97322
97402
NULL
97501
97702


A Web Page
http://
RESTART
Smart Data Cleaner
Undo
Redo
EXPORT TO CSV
Key
unmarked cells are clear
dirty cells:
less preferable fix
Repairs Applied
No repairs applied yet
Select Repair Value
Repair
Quality/Rating
From your dependencies and suggested by Smart Data Cleaner:
541
From your dependencies:
518
OR
ENTER NEW VALUE
Select Repair Operation
Suggested by Smart Data Cleaner:
1. Derive state from fName, lName, and city
2. Derive AC from city and state
View Pattern
From your dependencies:
[example dependency application]
View Pattern
OR
DEFINE NEW REPAIR OPERATION
CONFIRM
zip
97007
9733
97322
97402
NULL
97501
97702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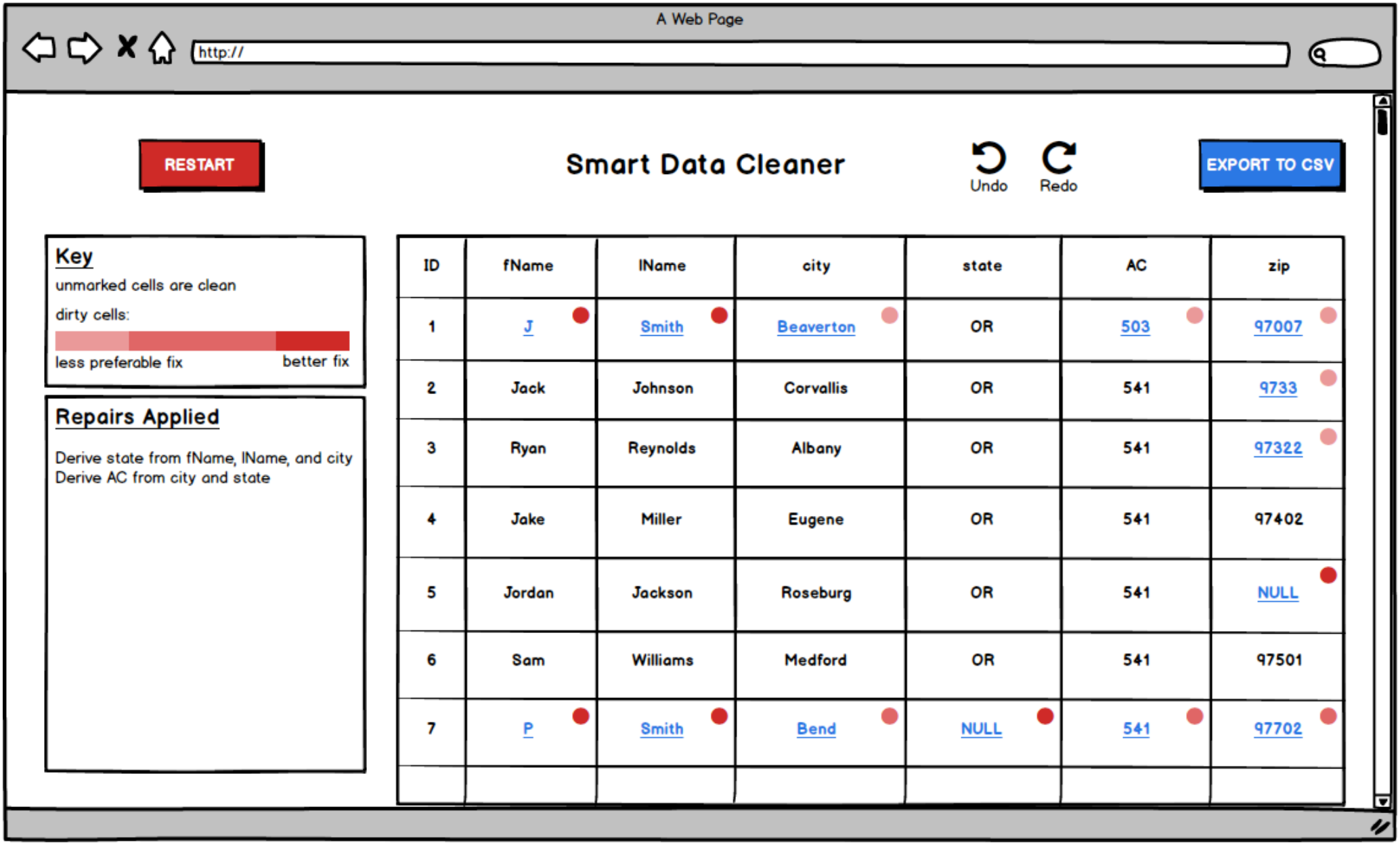
RESTART
Smart Data Cleaner
Undo
Redo
EXPORT TO CSV
Key
unmarked cells
dirty cells:
less preferable
Repairs Ap
No repairs appl
zip
97007
9733
97322
97402
NULL
97501
97702
Confirm Repair
1. Derive state from fName, lName, and city
2. Derive AC from city and state
View Pattern
Before Repair
After Repair
[dataset before repair]
[dataset after repair]
BACK
APPLY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http://
RESTART
Smart Data Cleaner
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Redo
EXPORT TO CSV
Key
unmarked cells are clean
dirty cells:
less preferable fix
better fix
Repairs Applied
Derive state from fName, lName, and city
Derive AC from city and state
ID
fName
lName
city
state
AC
zip
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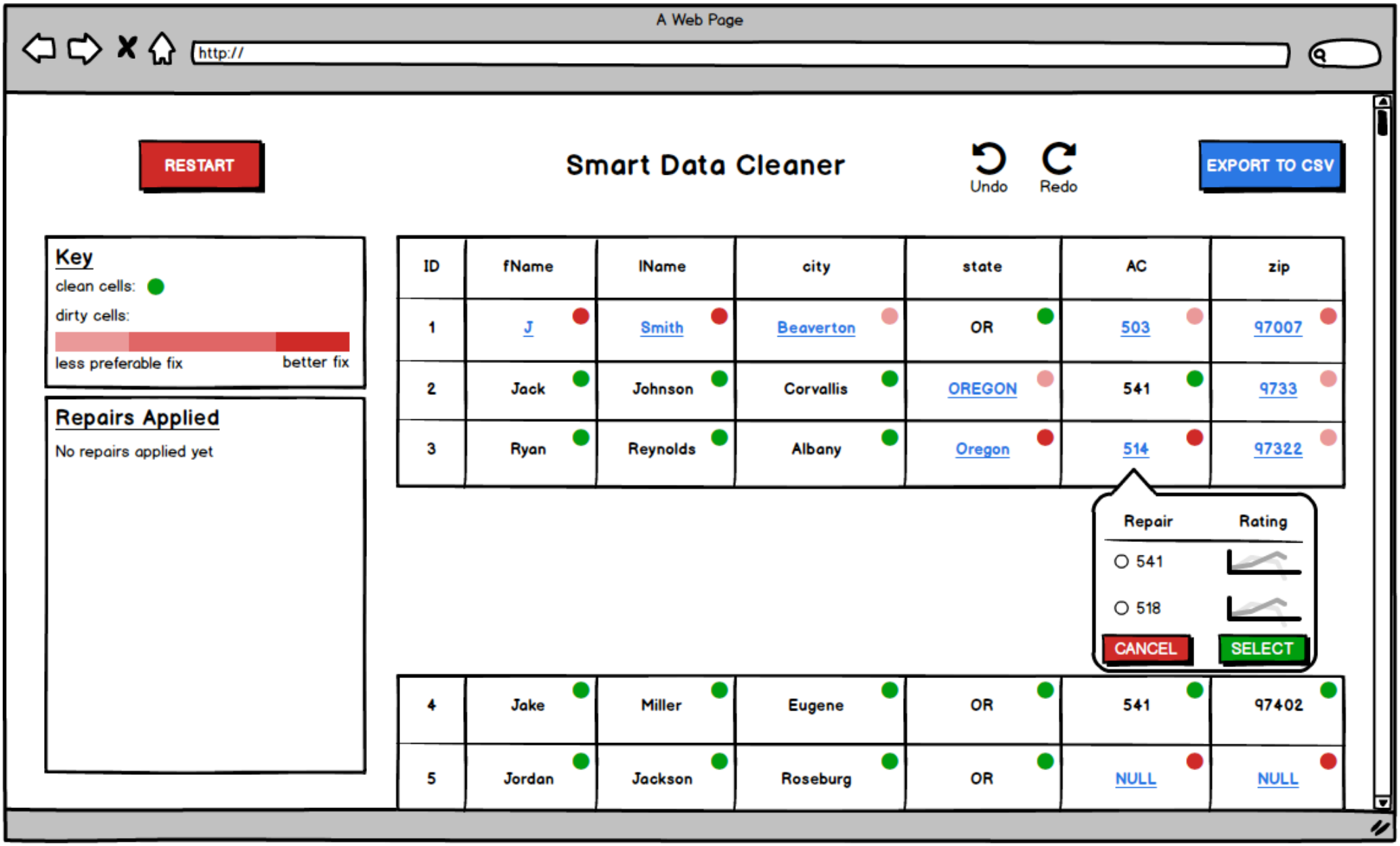
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Ryan
Reynolds
Albany
Oregon
514
97322
Repair
Rating
541
518
CANCEL
SELECT
4
Jake
Miller
Eugene
OR
541
97402
5
Jordan
Jackson
Roseburg
OR
NULL
NULL