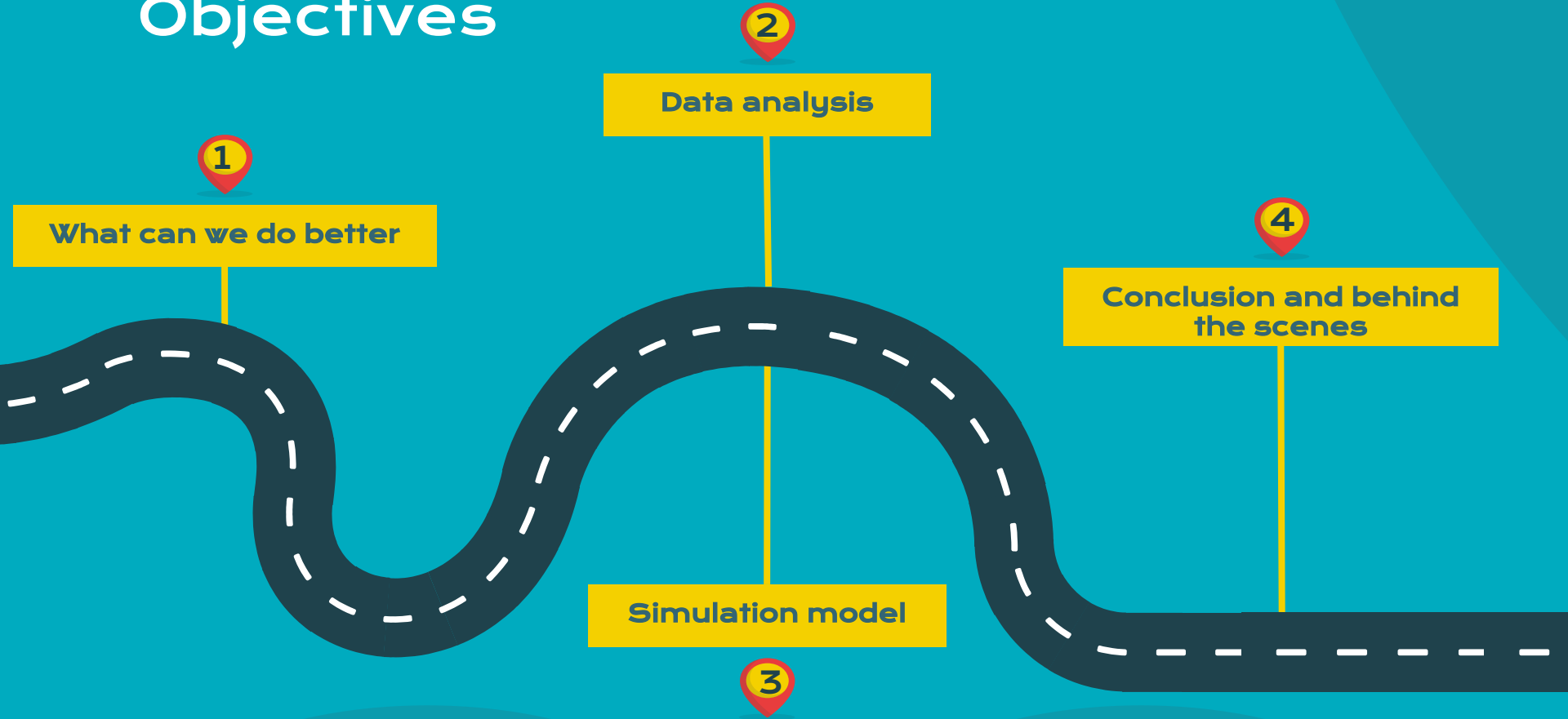




BRAINSTORMING MONTH PROPOSAL 2023

Presented by Jasmine Huang
Chicago DS Team

Objectives



What can we do better?



You could save 12% when you buy
customized car insurance online



Auto



Home



Condo



Renters

ZIP code

Get my price



Call for a quote: [1-844-349-8391](tel:1-844-349-8391)

Are you an existing customer? [Log in here](#)

Steps to your quote

- About you
- Vehicles
- Drivers
- Current insurance
- Savings
- Quote

Your info

Quote

Pick package

Only pay what
you need??

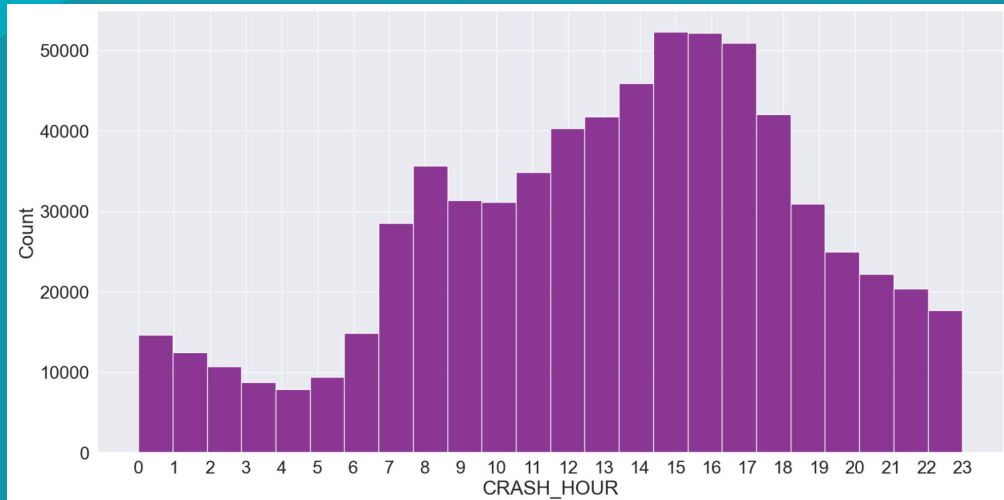
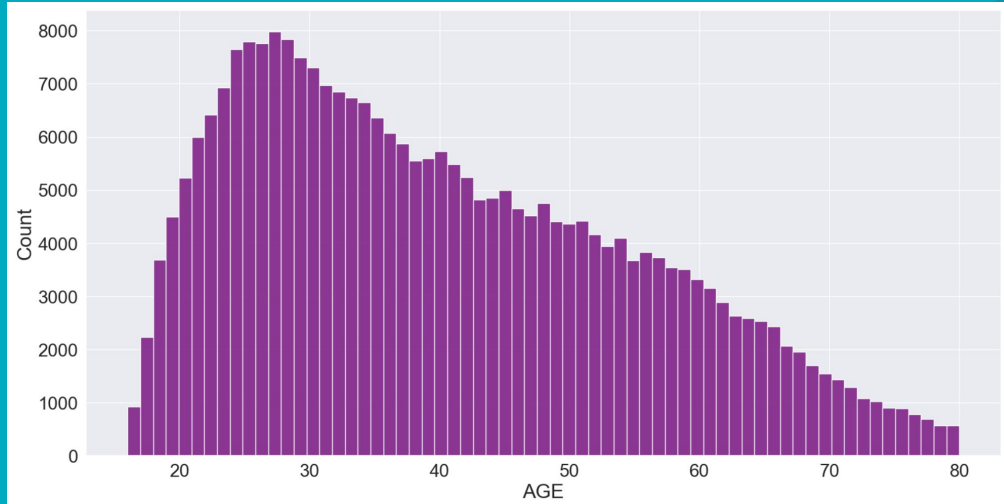
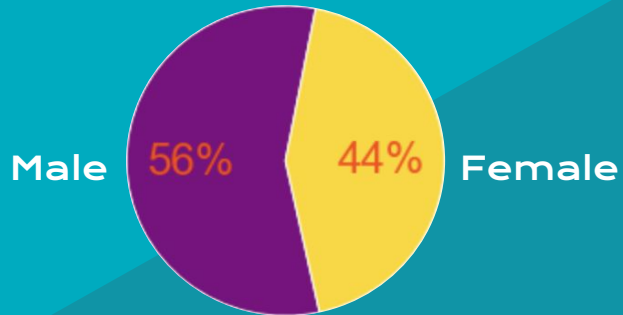
Data analysis

113,613

Average cases per year

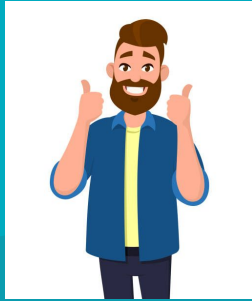
86%

No injury



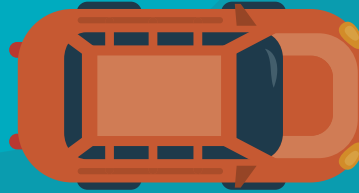
Simulation model

STEP 1



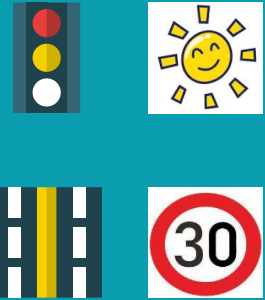
Driver

STEP 2



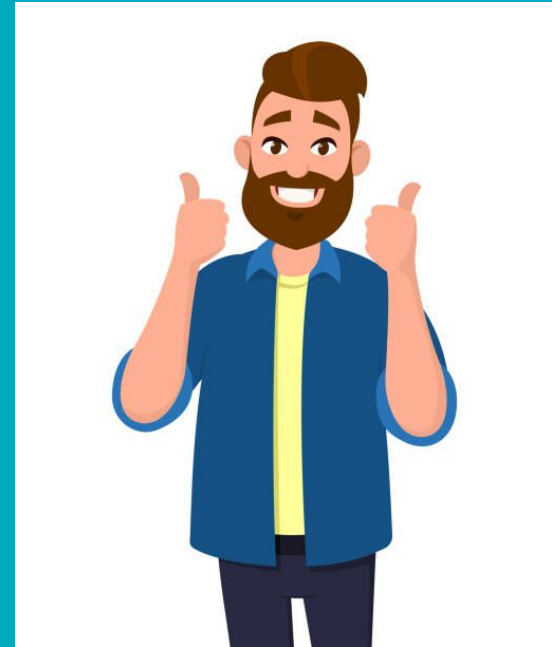
Vehicle

STEP 3



Environment

Step 1: Driver	
Age	31
Gender	M
Zip code	60612
Step 2: Vehicle	
Make	Chevrolet
Model	Tahoe
Vehicle year	2009
Step 3: Environment	
Speed limit	35
Weather condition	Clear
Lighting condition	Daylight
Roadway surface Condition	Dry
Road defect	No Defects
Traffic device condition	Functioning properly



James Smith

Oh NO!!



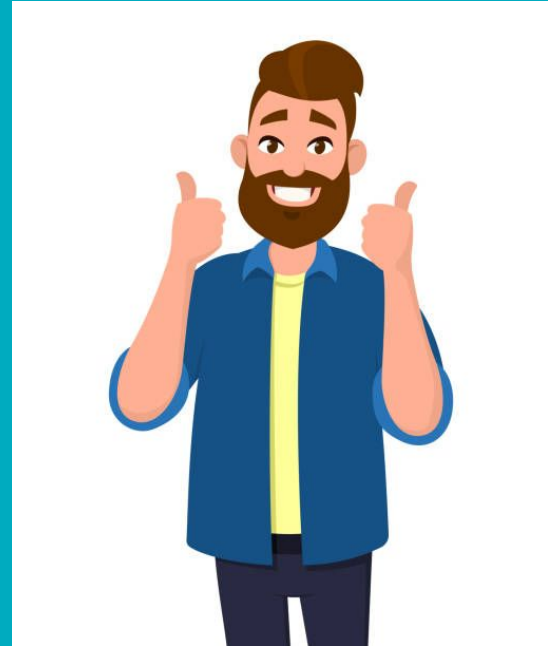
What to do in a car accident	
01	Stay calm
02	Call 911
03	Take photos
04	Exchange information
05	File claim with insurance



Age	31
Gender	M
Zip code	60612
Make	Chevrolet
Model	Tahoe
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Roadway surface Condition	Dry
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Traffic device condition	Functioning properly

Predicted damage: \$500+

(91.7% Accuracy)



James Smith

Knowing predicted damage

Simulation Model



Predicted damage: \$501+



Your risk appetite



Customized package



Deductible	6 month cost	Saving	
\$100	\$420	-	-
\$250	\$300	\$120	28%
\$500	\$225	\$195	46%
\$1000	\$162	\$258	61%
\$2000	\$135	\$285	68%

Only pay what you need !!

Not Knowing predicted damage

Your info



Quote



Pick package

Conclusion and behind the scenes



Conclusion



Behind the scenes

01

Area

02

Data

03

Cross-working



Thank You

Questions?



Jasmine Huang
Chicago DS Team



THE END