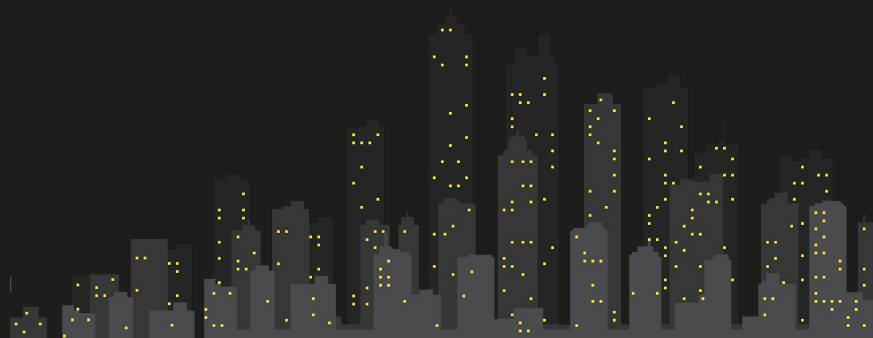


#droidConIN



#droidConIN

# Building Adaptive UX With Machine Learning



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Whoami

@shuvam360

DSC HIT

GDG Kolkata

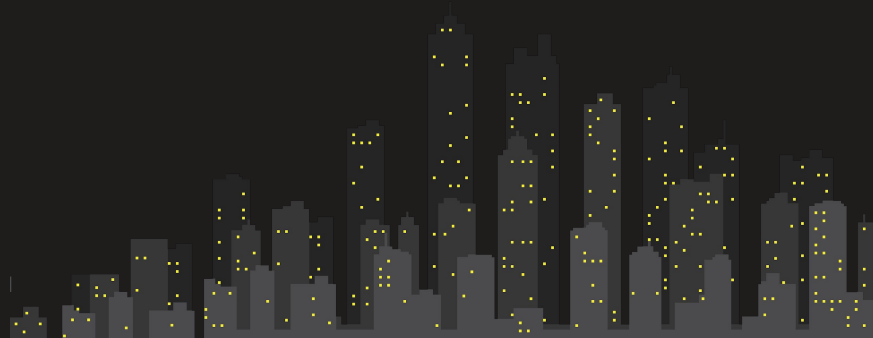
I&We

..... //



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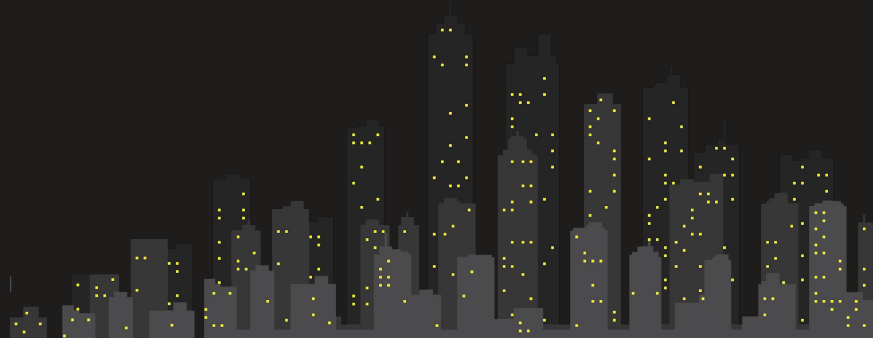
# Building Adaptive UX With Machine Learning



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Adaptive UX

Machine Learning



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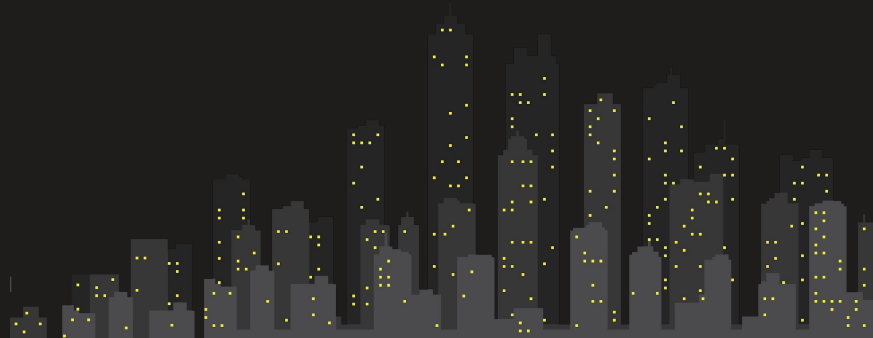
# Machine Learning

RNNs

Models

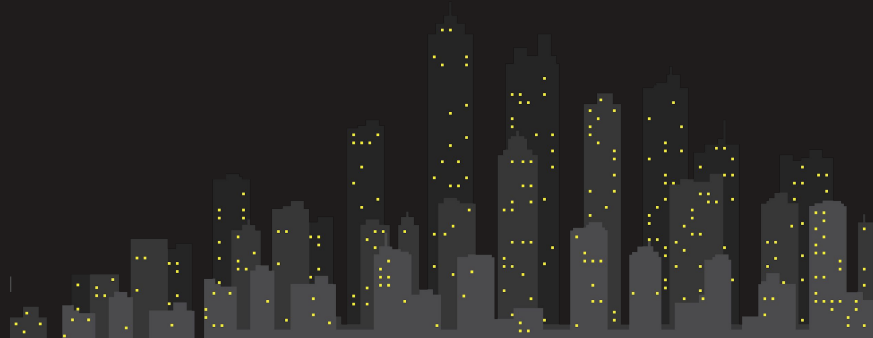
Hyperparameters

..... //



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# Design



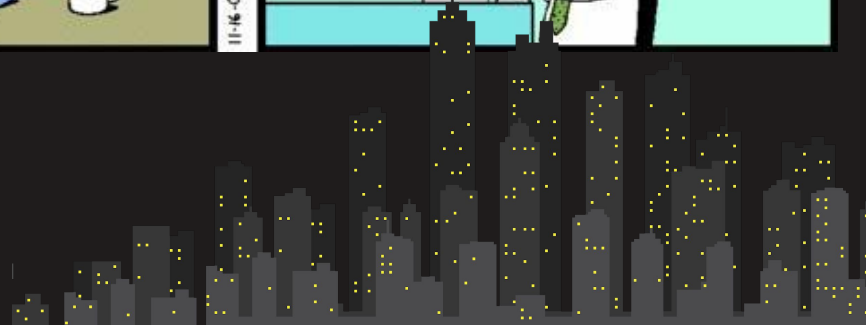
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www.dilbert.com  
scottadams@aol.com



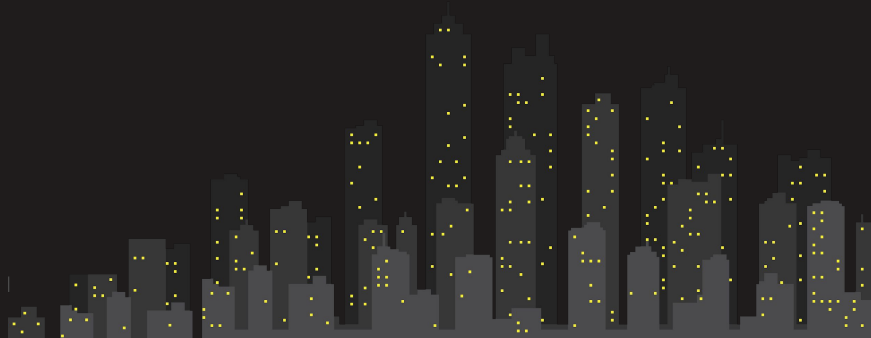
© 2007 Scott Adams, Inc./Dist. by UFS, Inc.  
11-16-07





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# Who do we design for?

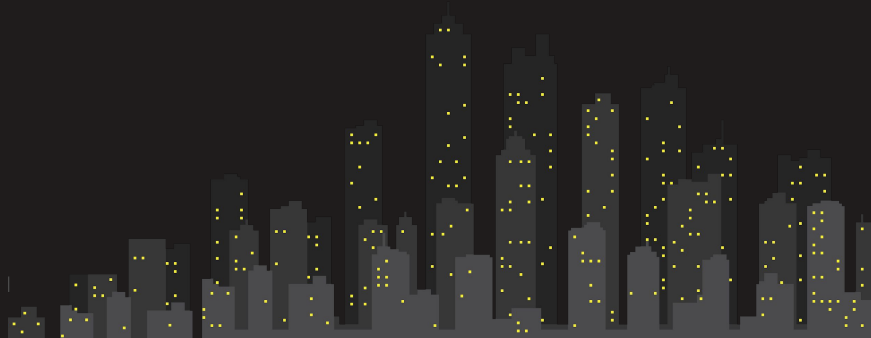


#droidConIN

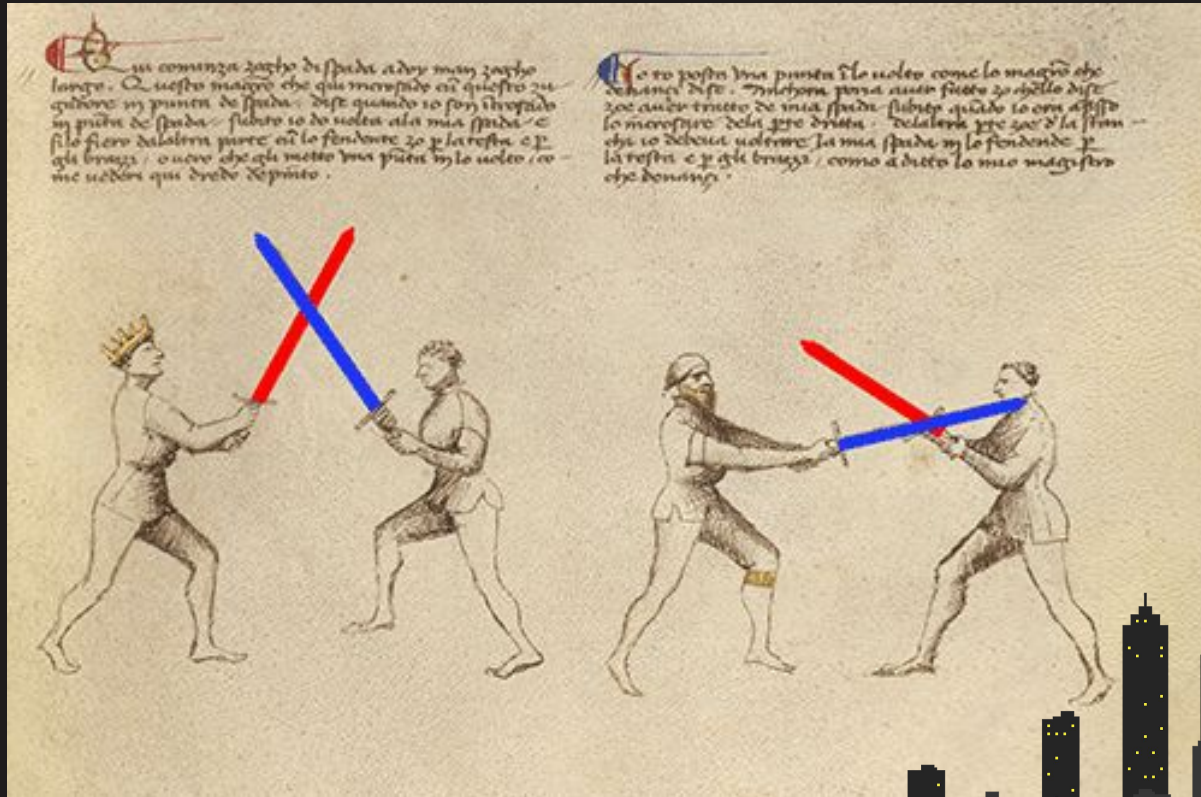
# Who do we design for?

## Users

..... //



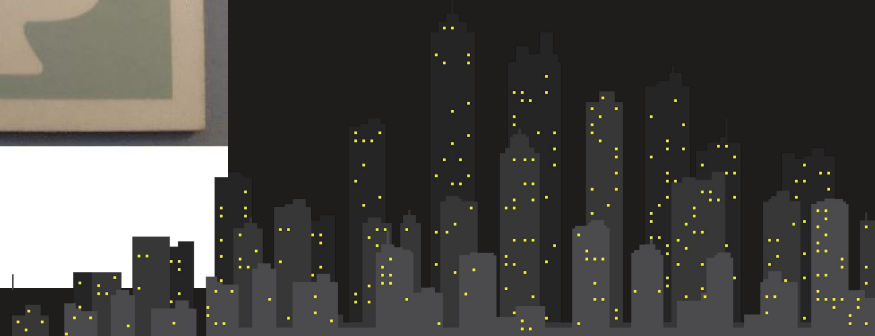
# #droidConIN



#droidConIN



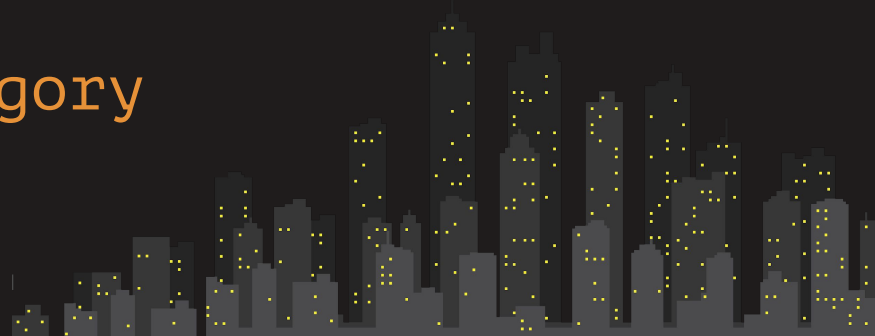
Thanks, I hate toilet  
instructions



#droidConIN

*“When UX doesn’t  
consider ALL users,  
shouldn’t it be known as  
“SOME User Experience”  
or... SUX?”*

Bill Gregory

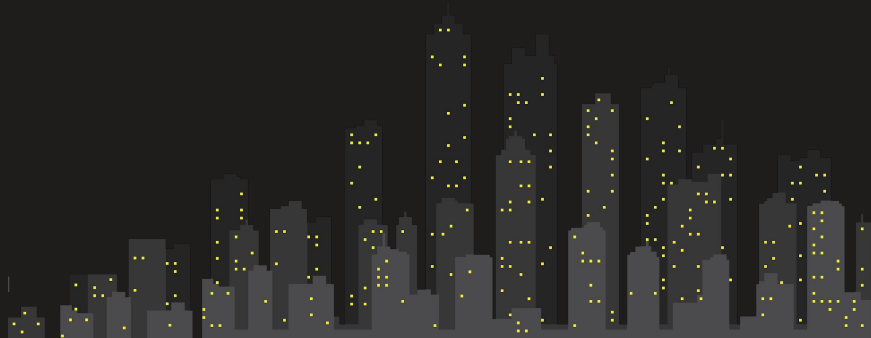


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Then

User adapts to  
Service.

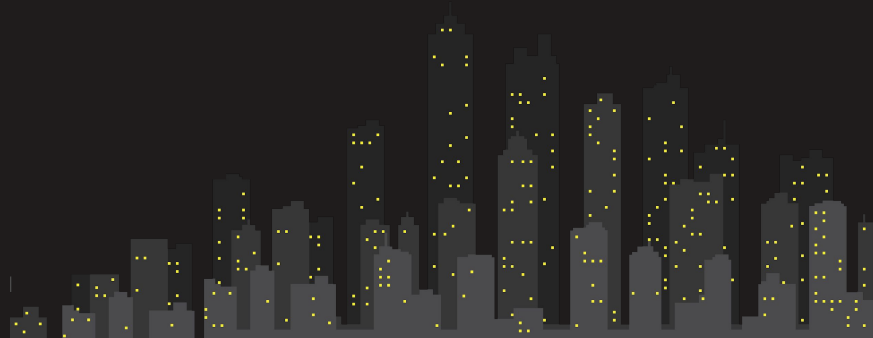
..... //



#droidConIN

Now

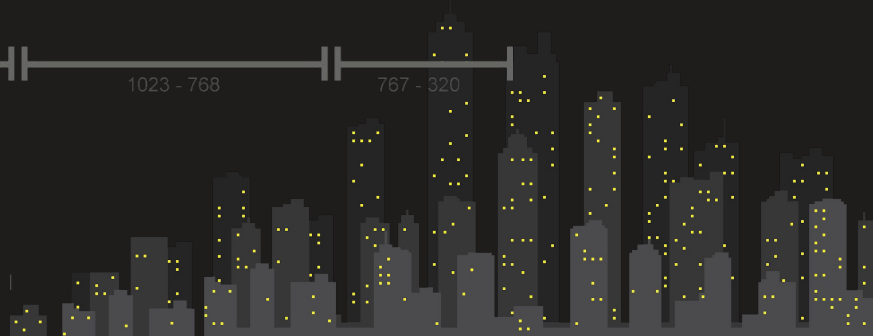
Let the Service  
adapt for the user.



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# Responsive Design

Responsive Web Design





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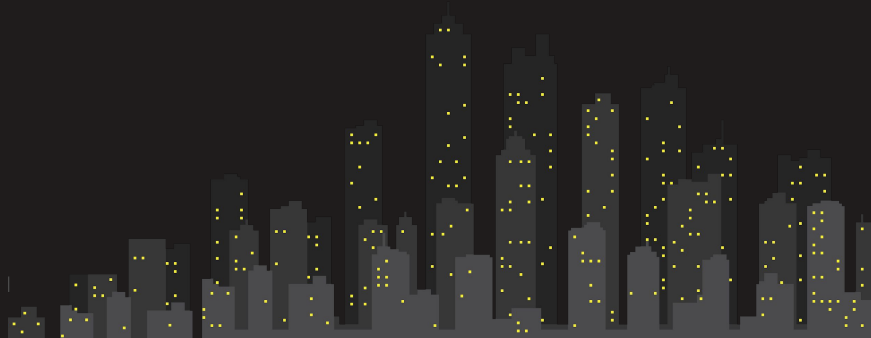


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# Adaptive Design

```
@media (min-width: 600px) and  
(orientation:landscape) {  
    .nodesk {  
        display: none;  
    }  
}
```

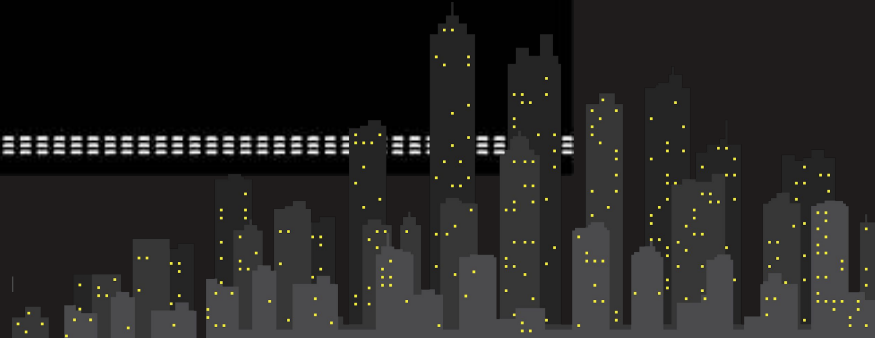
..... //



# #droidConIN

```
=====
      EEEEEEE L      IIIIII ZZZZZZZ      AAA
      E       L       I       Z       A   A
      E       L       I       Z       A   A
      EEEEE   L       I       Z       A   A
      E       L       I       Z       AAAAAA
      E       L       I       Z       A   A
      EEEEEEE LLLLLLLL IIIIII ZZZZZZ      A   A
=====

ELIZA > (PLEASE TYPE IN ALL CAPS) WHAT'S YOUR NAME DEAR ?
AMIT
ELIZA > HI, I'M ELIZA. WHAT DO YOU WANT TO TALK ABOUT ?
AMIT > CAN I TALK ABOUT MY PROBLEM ?
ELIZA > SURE... !
AMIT > DUE TO ON GOING EXAMS IN COLLEGE, I HAVE A LOT OF STRESS.
ELIZA > PLEASE RELAX A LITTLE. SLEEP WELL.
AMIT > THANKS FOR YOUR ADVICE.
ELIZA > NO MENTION.
AMIT > BYE
ELIZA > BYE AND KEEP IN TOUCH...
=====
```



# #droidConIN



Messenger



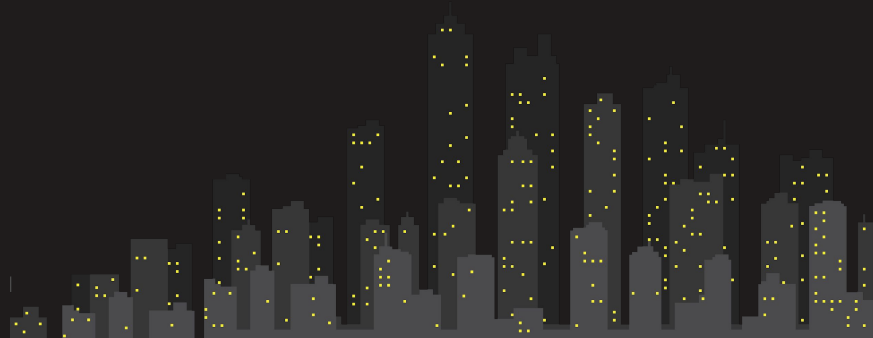
Discord





Slack



Telegram




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Photos | Politics | Movies | Buzz | World Cup |

## This Software Engineer Designed a Chatbot to Chat With His Girlfriend While He's Busy at Work

However, the girl eventually got suspicious over the speed she was receiving messages from her "boyfriend."



Modern problems require modern solutions

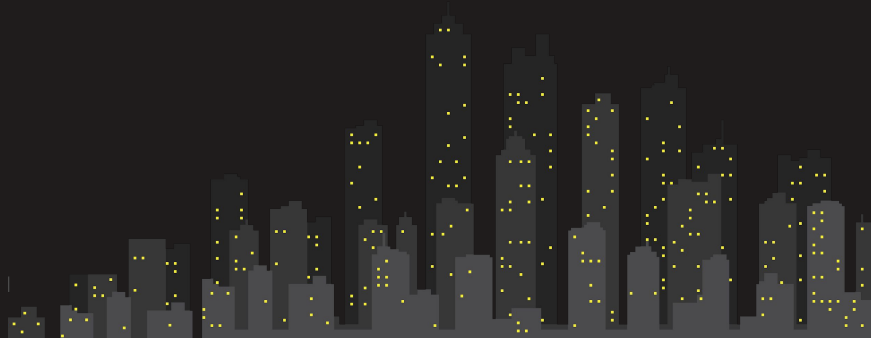
Hope his gf doesnt find out

#droidConIN



#droidConIN

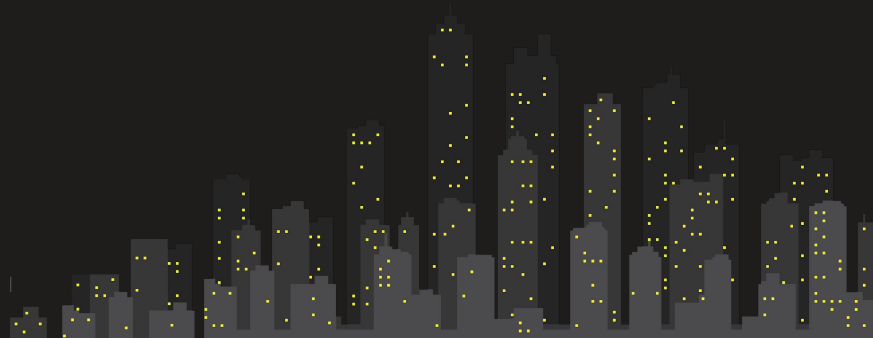
# Accessibility



#droidConIN

# Accessibility

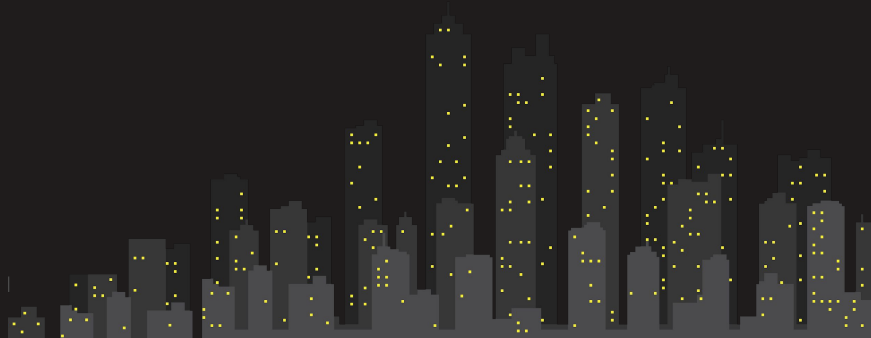
defines users' ability to use  
products/services



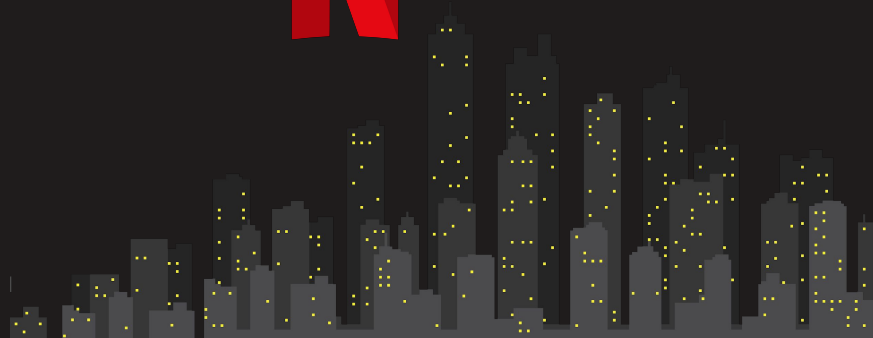
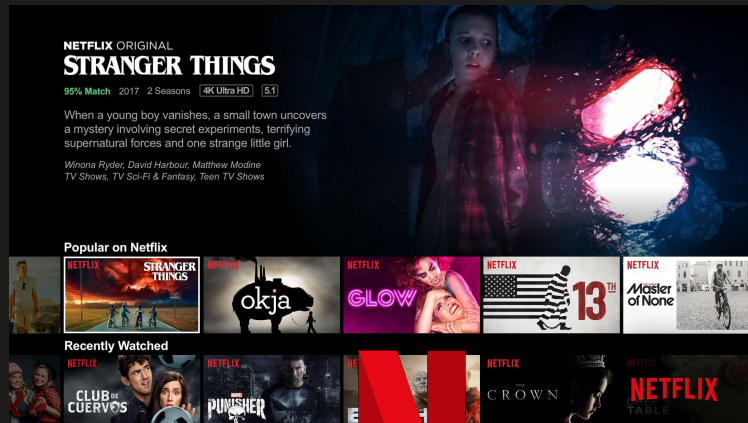
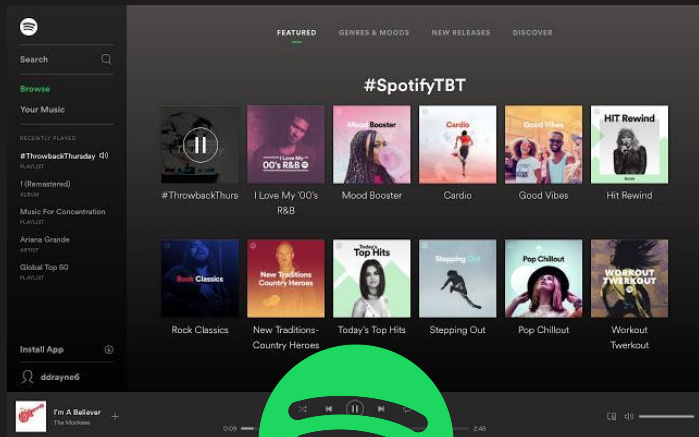


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# Project Euphonia



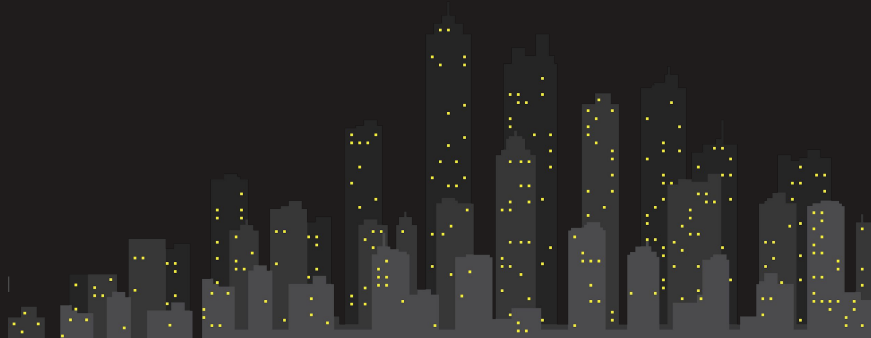
# #droidConIN



#droidConIN

# Data Points

How do you analyse  
behaviour?

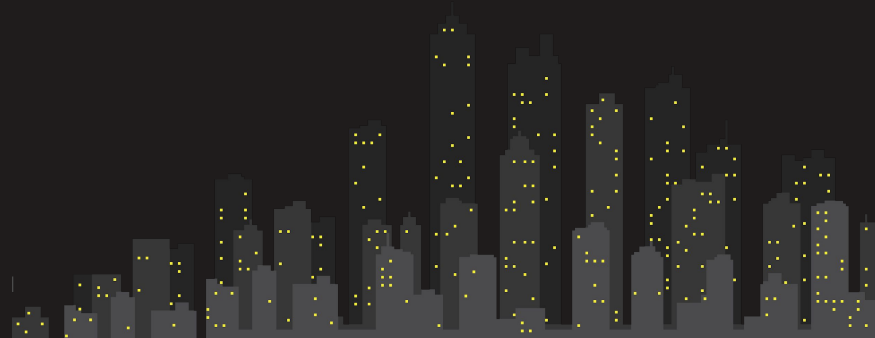


#droidConIN

# Recurrent Neural Network

```
(posX, posY, deltaX, deltaY,  
deltaT)
```

..... //

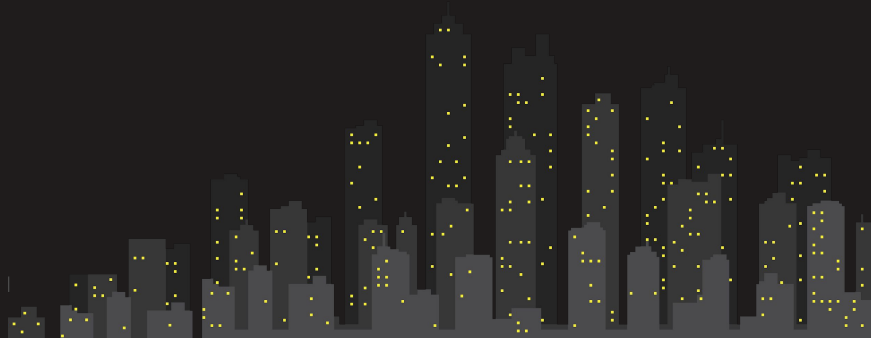


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tensorflow.js



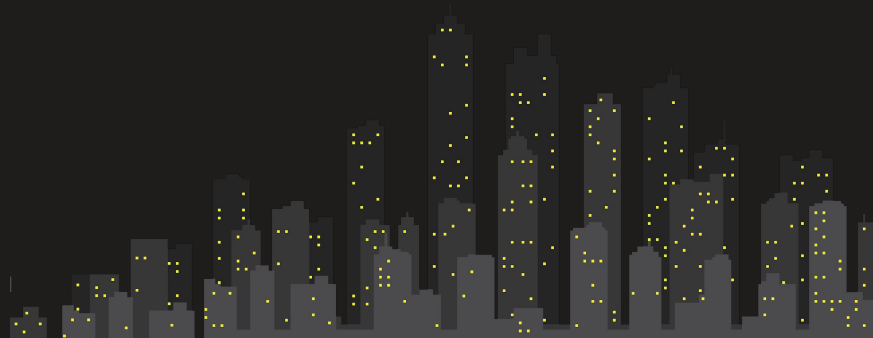
..... //



#droidConIN



Q&A



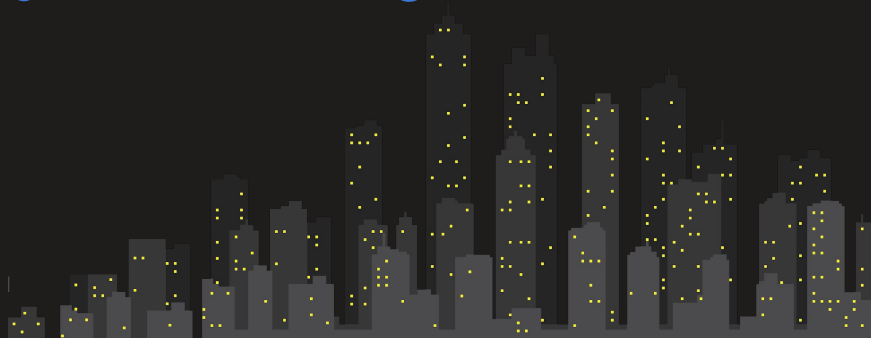
#droidConIN

Links :

<https://bit.ly/2mkVNfb>

<https://bit.ly/2mNhCEj>

..... //



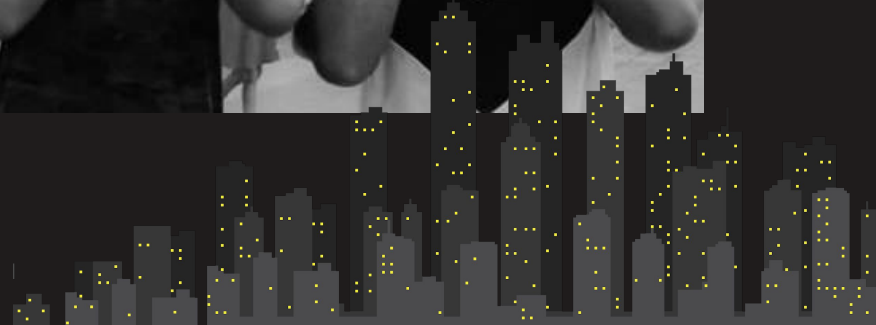
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 @shuvam360

 shuvam-manna

 GeekBoySupreme

..... //





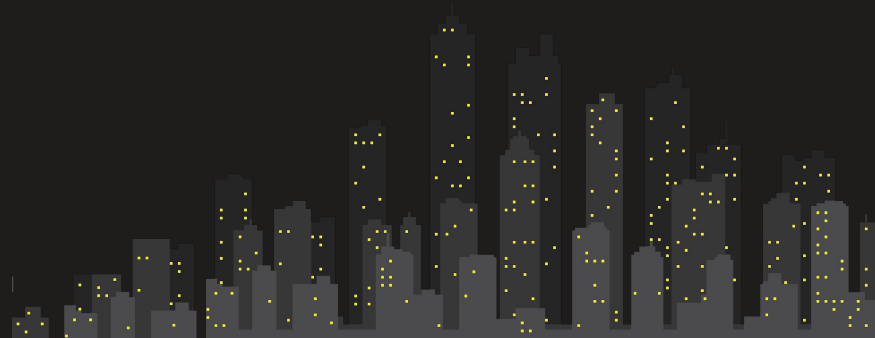
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Always up for a  
text, coffee & Bad  
puns



\*211554324

..... //



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ಢನ್ಯವಾದ Bangalore

