Principles for preparing presentation slides

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10/20/30 rule

- 10 slides

- 20 minutes

- 30 point font

Source : http://guykawasaki.com/the_102030_rule/

Ideas from cognitive science

- Give the right amount of information

- Make data stand out from the rest

- 4 items maximum per slide (avoid overload)

- Using grouping (color, size, …) to associate data or ideas

Example of use coloring and grouping

Race Condition

- `counter++` could be implemented as

```
register1 = counter
register1 = register1 + 1
counter = register1
```

- `counter--` could be implemented as

```
register2 = counter
register2 = register2 - 1
counter = register2
```

- Consider this execution interleaving with "count = 5" initially:

```
S0: producer execute register1 = counter        {register1 = 5}
S1: producer execute register1 = register1 + 1   {register1 = 6}
S2: consumer execute register2 = counter         {register2 = 5}
S3: consumer execute register2 = register2 - 1   {register2 = 4}
S4: producer execute counter = register1         {counter = 6 }
S5: consumer execute counter = register2         {counter = 4}
```
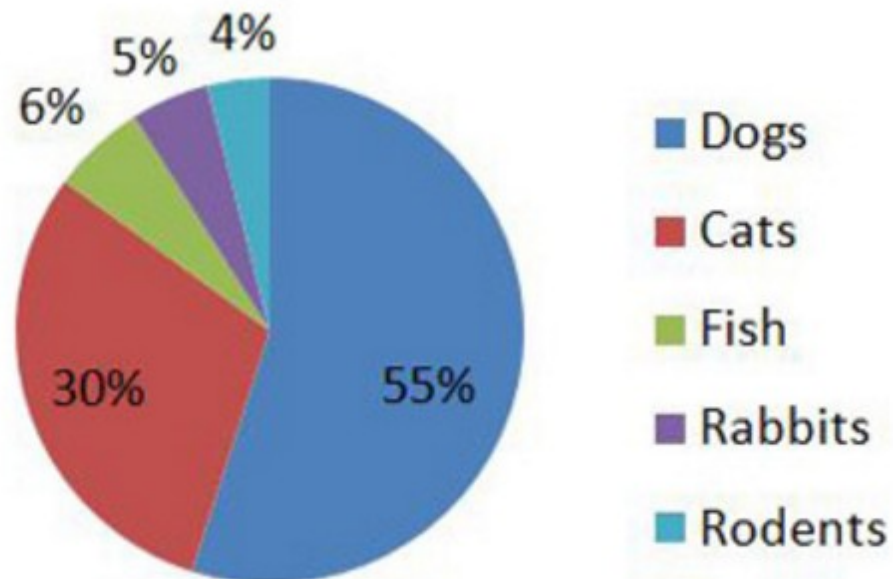
4

Text rules

- Avoid paragraphs
- Use appropriate fonts
- Avoid dense data
- No capitalization of ordinary text
- Distribute a handout
- No sound effects
- No transition effects
- No cheesy images

Graphics rules

- Use highly quality graphics
- Display graphical data (pie chart, bar chart, …)
- Use colors well

Pet Ownership

Delivery

- Voice

- Eye contact

- Posture

- Gesture

Answering questions

- Control the audience
- Repeat the question before answering
- Answer briefly

End of slide