

### Risk Communication, Visuals, and Neuroscience

HIGH CONCERN COMMUNICATION



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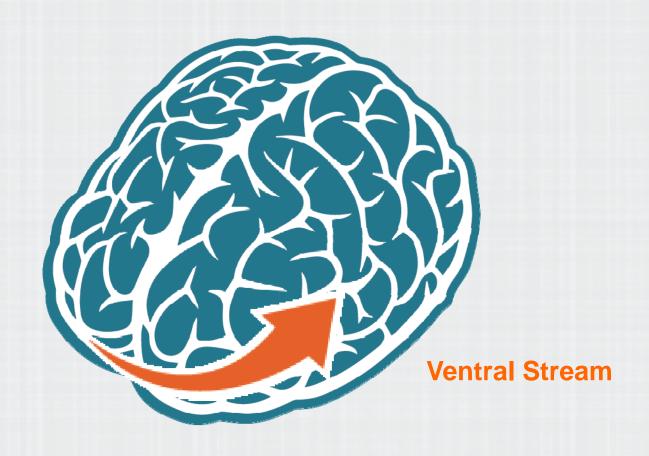


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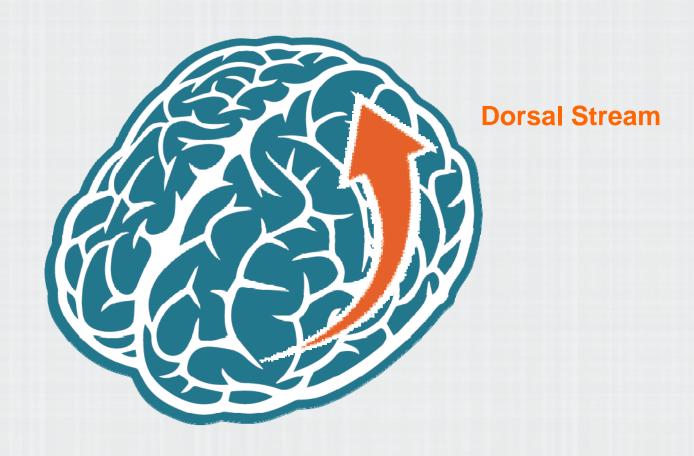
### Visuals

- Who
- What
- Where
- When
- Why

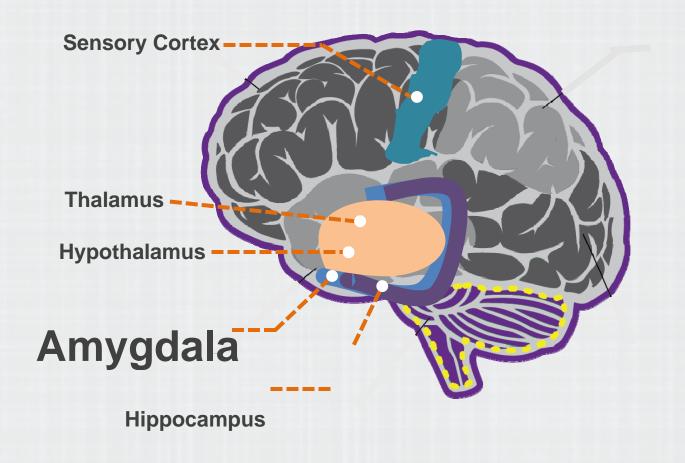
## Science of Visualization WHAT



## Science of Visualization WHERE



### Areas of the Brain Involved In FEAR & THREAT RESPONSE

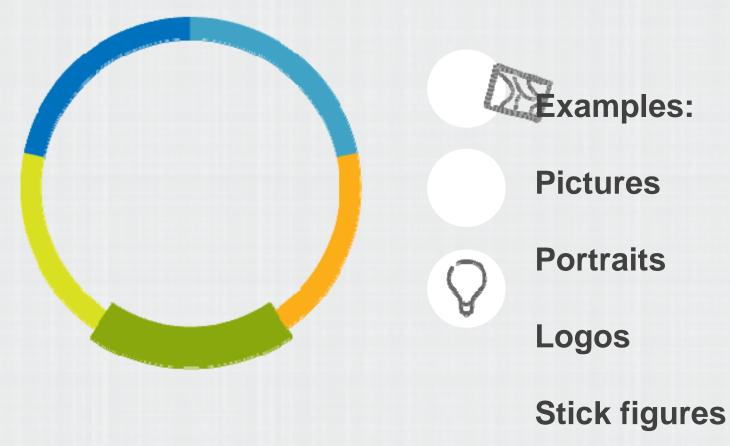


### Risk Communication & The Brain RESOURCES

- Edward Tufte, "Visual Explanations"
- Daniel Roam, "Back of the Napkin"

#### "WHO" AND "WHAT" VISUALS

**Definition:** Images that relate to things, people, objects, and roles.





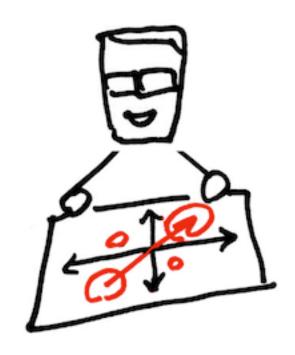
I'm the CMO. Let me show you WHO our customers are wnd WHAT we offer them.

(I draw the **Portrait**.)

#### "WHERE" VISUALS

**Definition:** Images that relate to direction and how things fit together

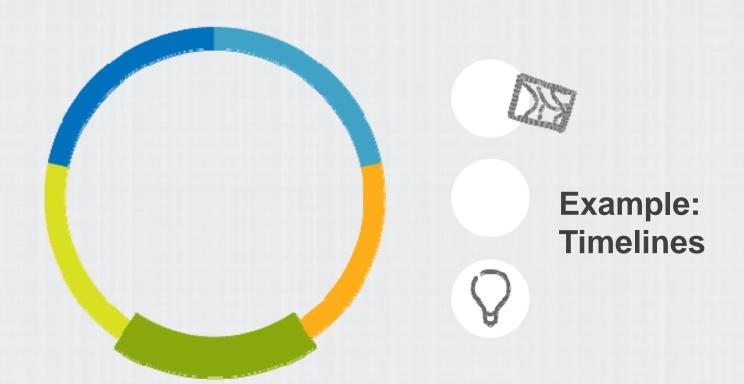


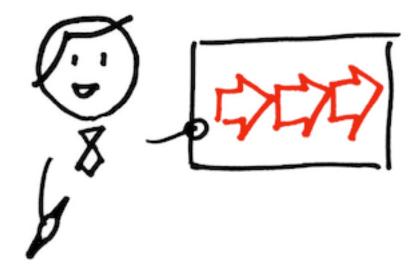


I'm the **CSO**. Let me show you WHERE we are now and where we are going. (I draw the Map.)

#### "WHEN" VISUALS

**Definition:** Images that relate to timing.





I'm the **COO**. Let me show you WHEN we are taking each step along the way. (I draw the **Timeline**.)

#### "WHY" VISUALS

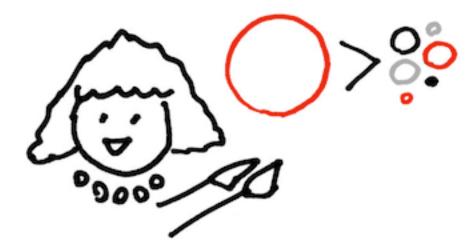
**Definition:** Images that relate to seeing the big picture



**Examples:** 

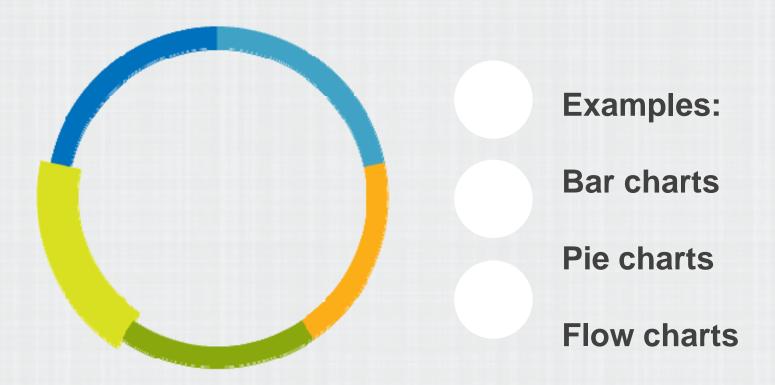
Multi-variable plots (x and y axis)

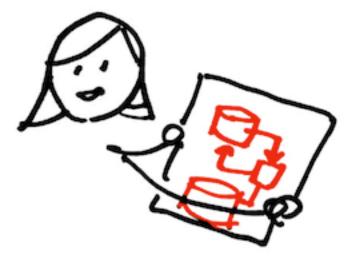
**Equations** 



I'm the **CEO**.
Let me show you
WHY we're doing
what we're doing.
(I draw the **Equation**.)

# "HOW" AND "HOW MUCH" VISUALS Definition: Images that relate to measuring and counting or how things influence one another

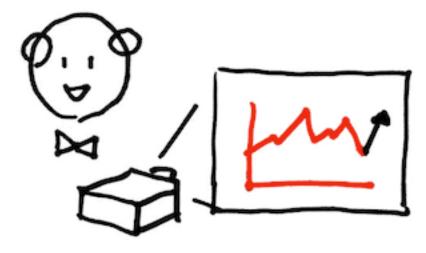




I'm the **CTO**.

Let me show you HOW we are technologically making this all happen.

(I draw the Flowchart.)



I'm the **CFO**. Let me show you HOW MUCH we have and how much we need. (I draw the **Chart**.)