

**THANK  
YOU**

# **“Disaster Medical Response”**

**Kenneth L. Mattox, MD, FACS**

**Houston**

**I have NO disclosures**

YOU will at  
some time  
supervise a  
CRISIS



# Outline

- **Over riding principles**
- **Specific experience**
- **Potential disasters**
  - **Lessons**
  - **New challenges**



# Over Riding Principles

# LOCAL

- **Politics**
- **Police Response**
- **Public Health Care Delivery**
- **Disaster response**

**Outside assistance  
does not arrive for  
3 days at best**



**Leadership ALWAYS  
emerges  
Even in the absence  
of programmed  
structured command**

**“DISASTERS” are  
called by local or  
national  
governmental  
officials (takes time)**

**Hospital Emergency  
OVERLOAD and  
CRISIS situations are  
COMMON  
(Even in absence of  
disaster)**

**Medical Disaster  
Response is OFTEN  
needed LONG  
BEFORE government  
CALLS the DISASTER**

# 10% Rule

## 10% Rule

### AMONG SURVIVORS:

- 10 % require HEALTH intervention
- 10% of these need Hospitalization
- 10% of these need critical care  
(Including operation)



**Perfect storms produce DISASTERS**

# Mattox Final

# Putting it all together

**EPIPHANY**



# Silos & Rubrics

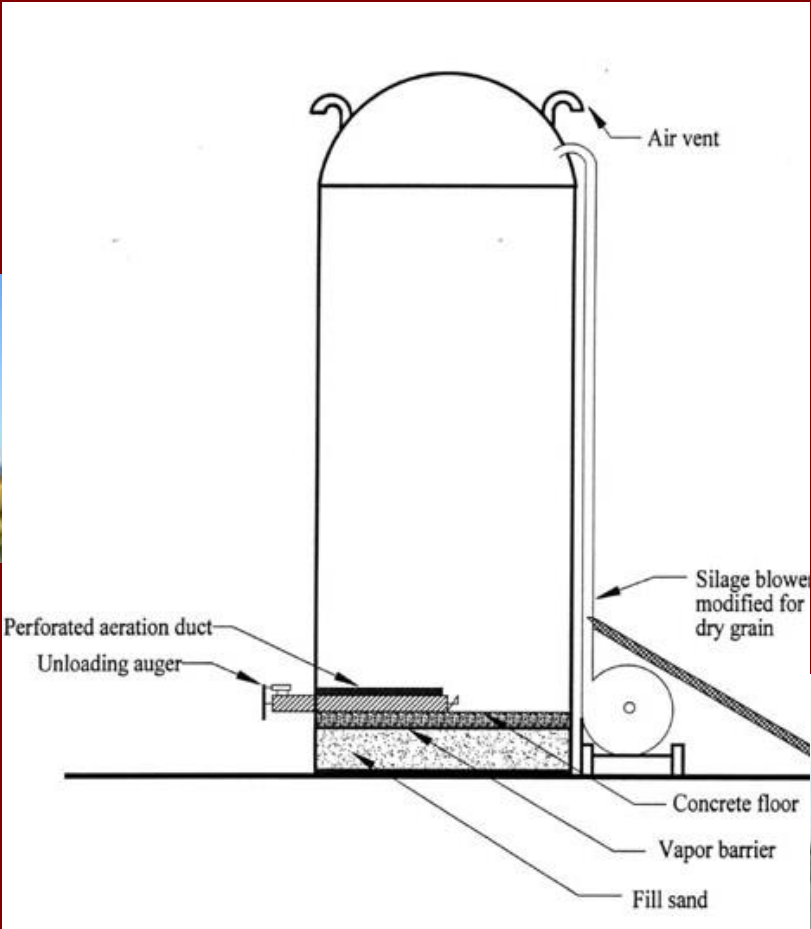
Kenneth L. Mattox, MD  
Houston

# 1. FIRST

# Lesson of the SILOS

EPIPHANY

# SILOS



# Each SILO is SEPARATE

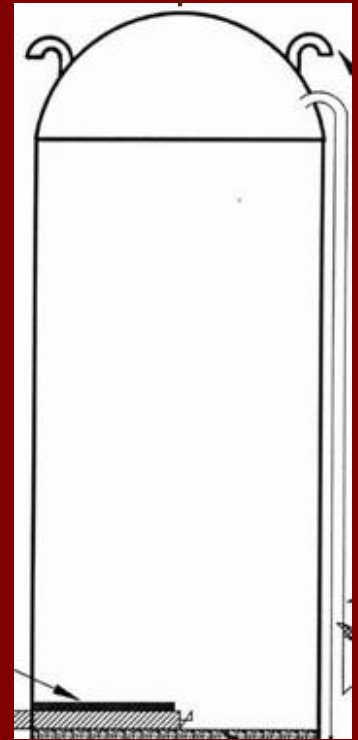
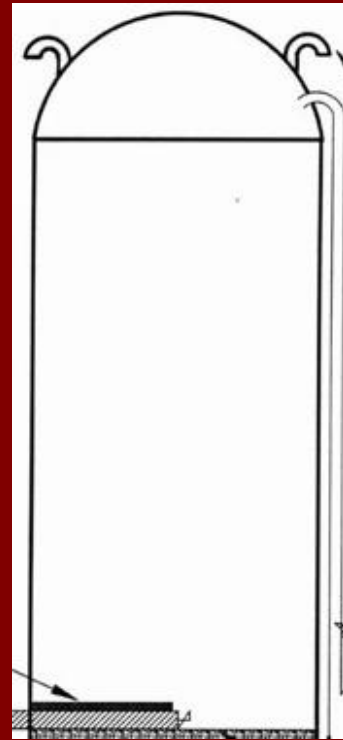
Government

Academia

Hospitals

EMS

Public  
Perceptions



# Each SILO is SEPARATE

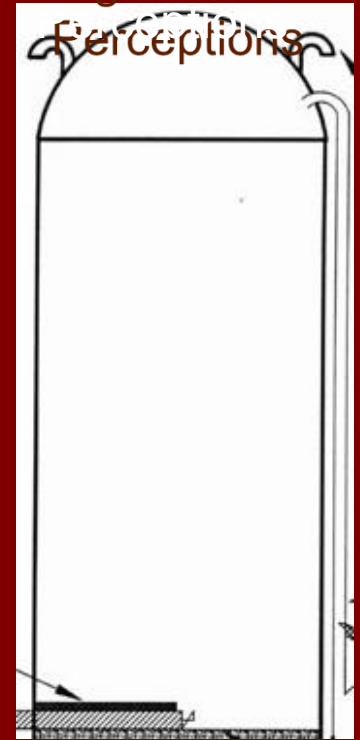
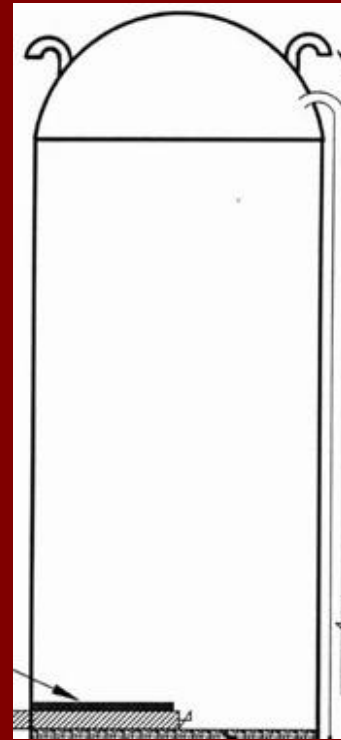
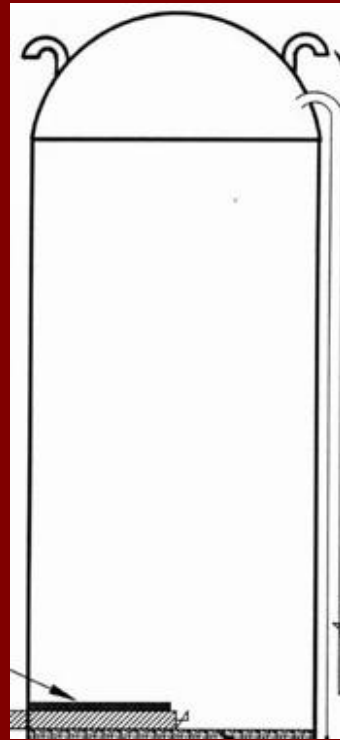
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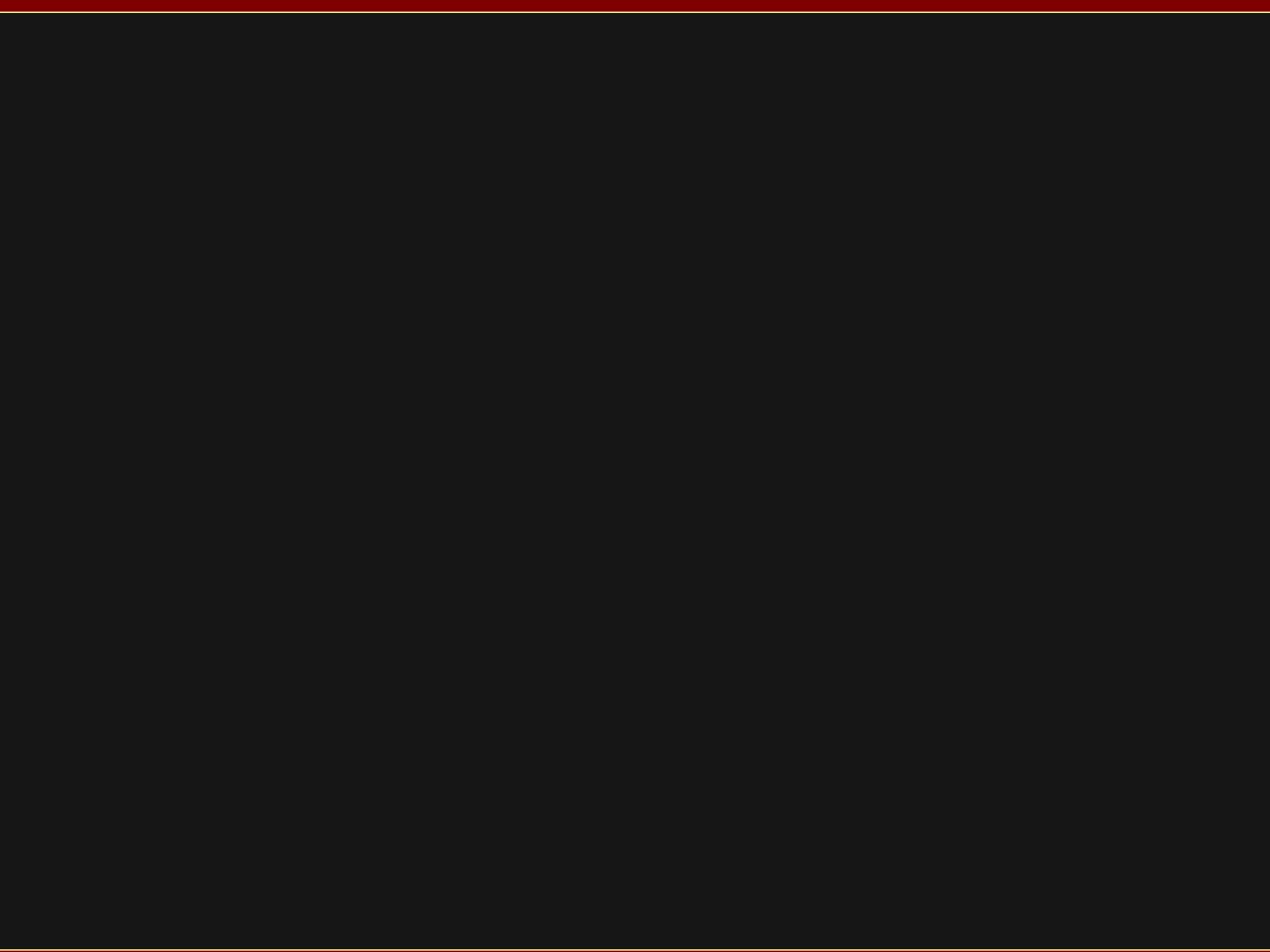
your

own

words

and  
organizations





**“Now we see through a glass darkly”**

**INFRASTRUCTURE**

**-Including:  
Government  
Policies**



**PROFESSIONALS**

**-Including:**

**Academia**

**Medical Associations**

**Others**

# **DATA BASES**

**-Including:**

**Local, regional, etc.**

**EMR**

# **DATA ANALYSIS**

**-Including:**

**Quality Review**

**Scientific reports**

**Association meetings**

# **COOPERATIVE MATRIX**

**-Including:**

**Systems**

**(Trauma, heart, etc)**

**Levels of Care &**

**Excellence**

**Communications**

**Networks**

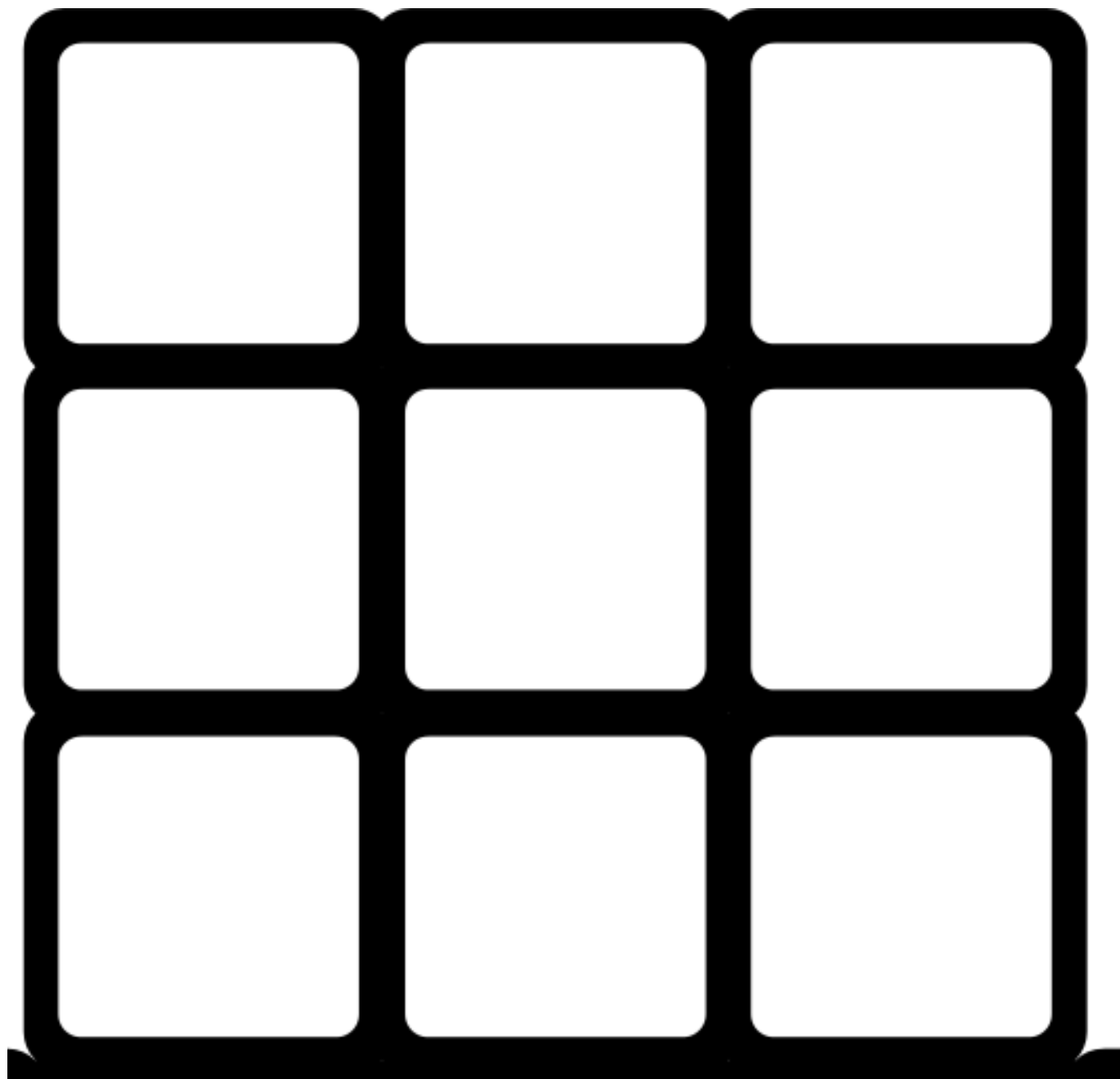
**CHANGE**

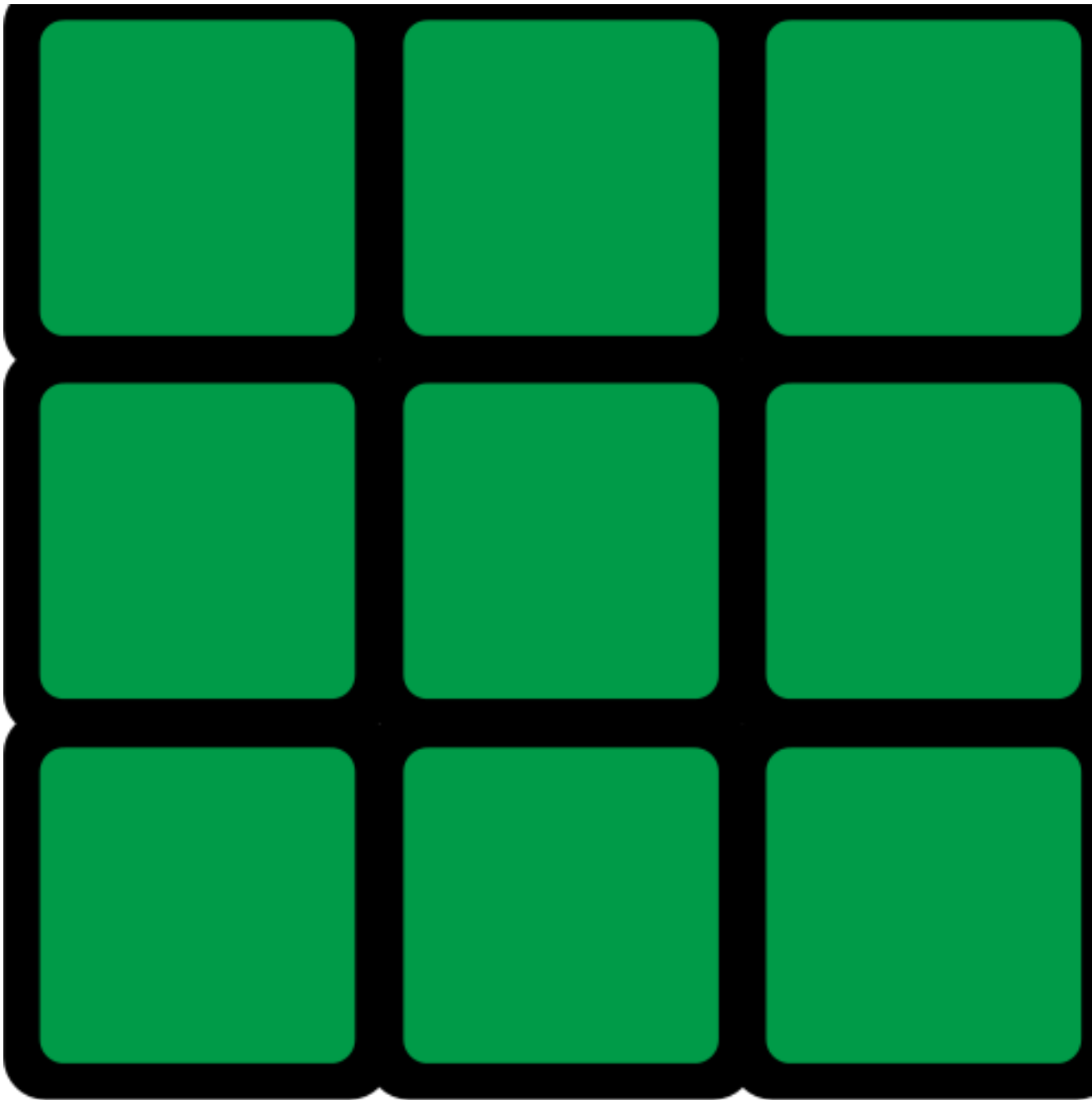
**-Including:**

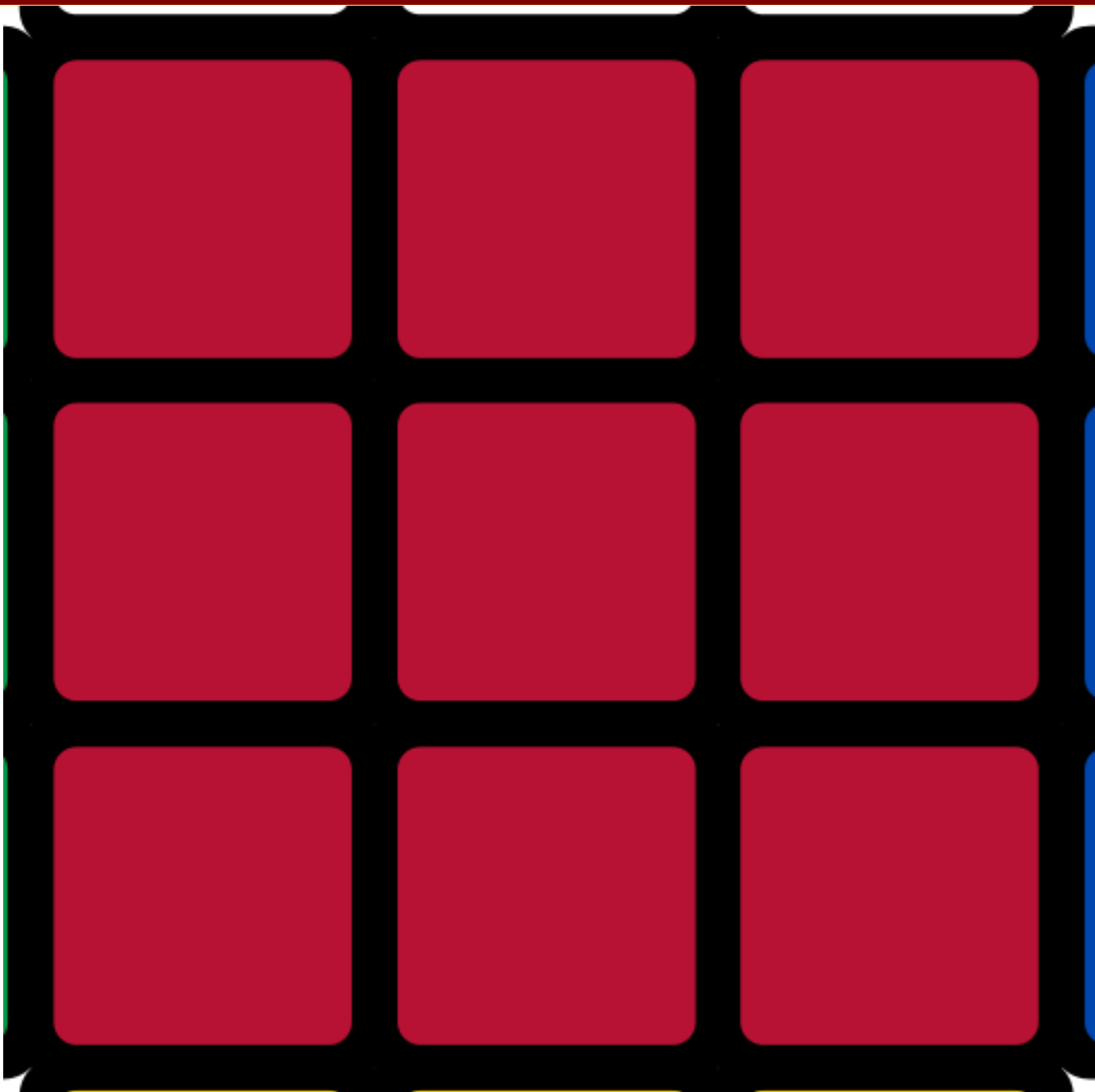
**Leadership**

**Professionalism**

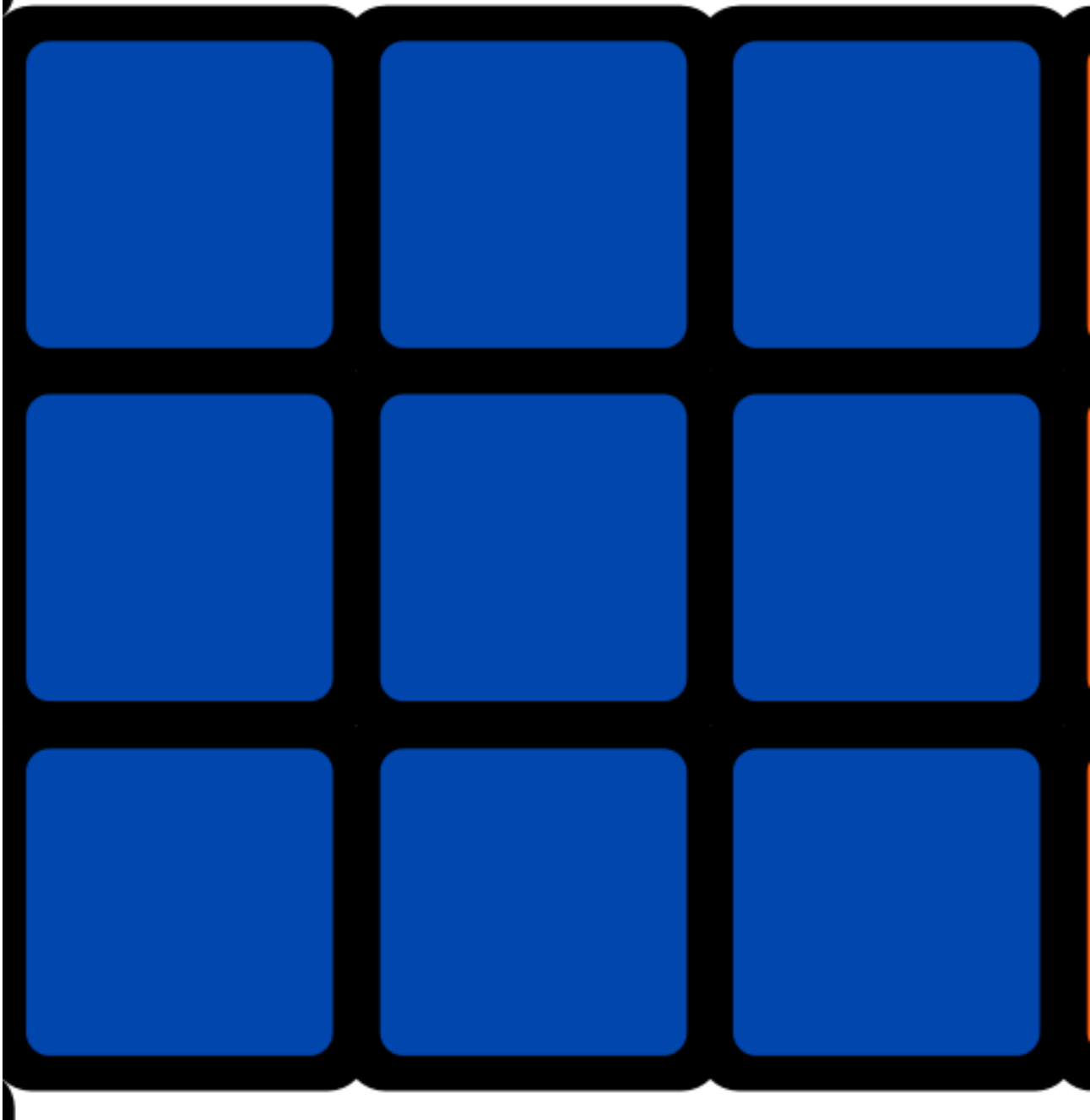
**NEW INNOVATIONS**

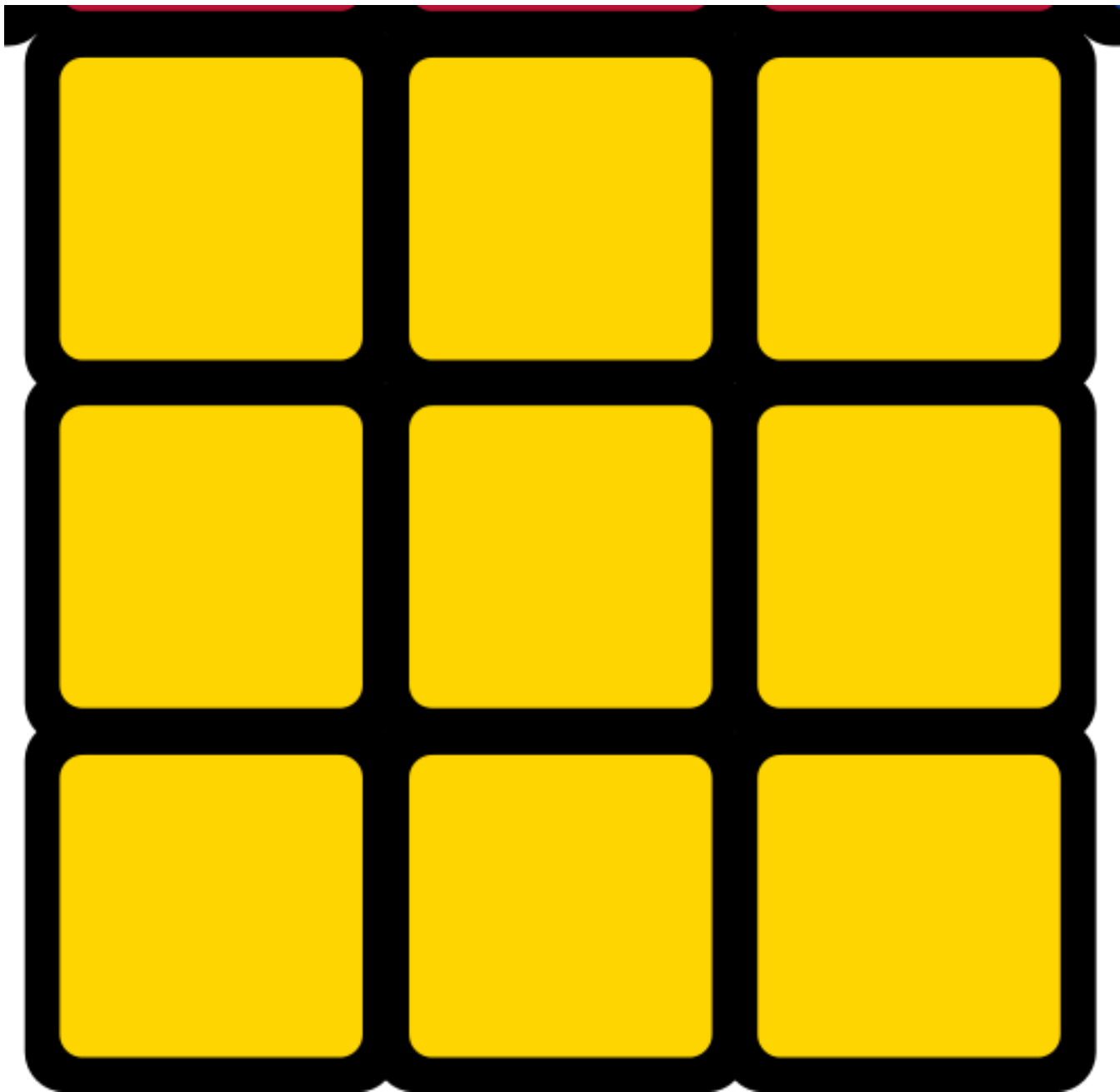


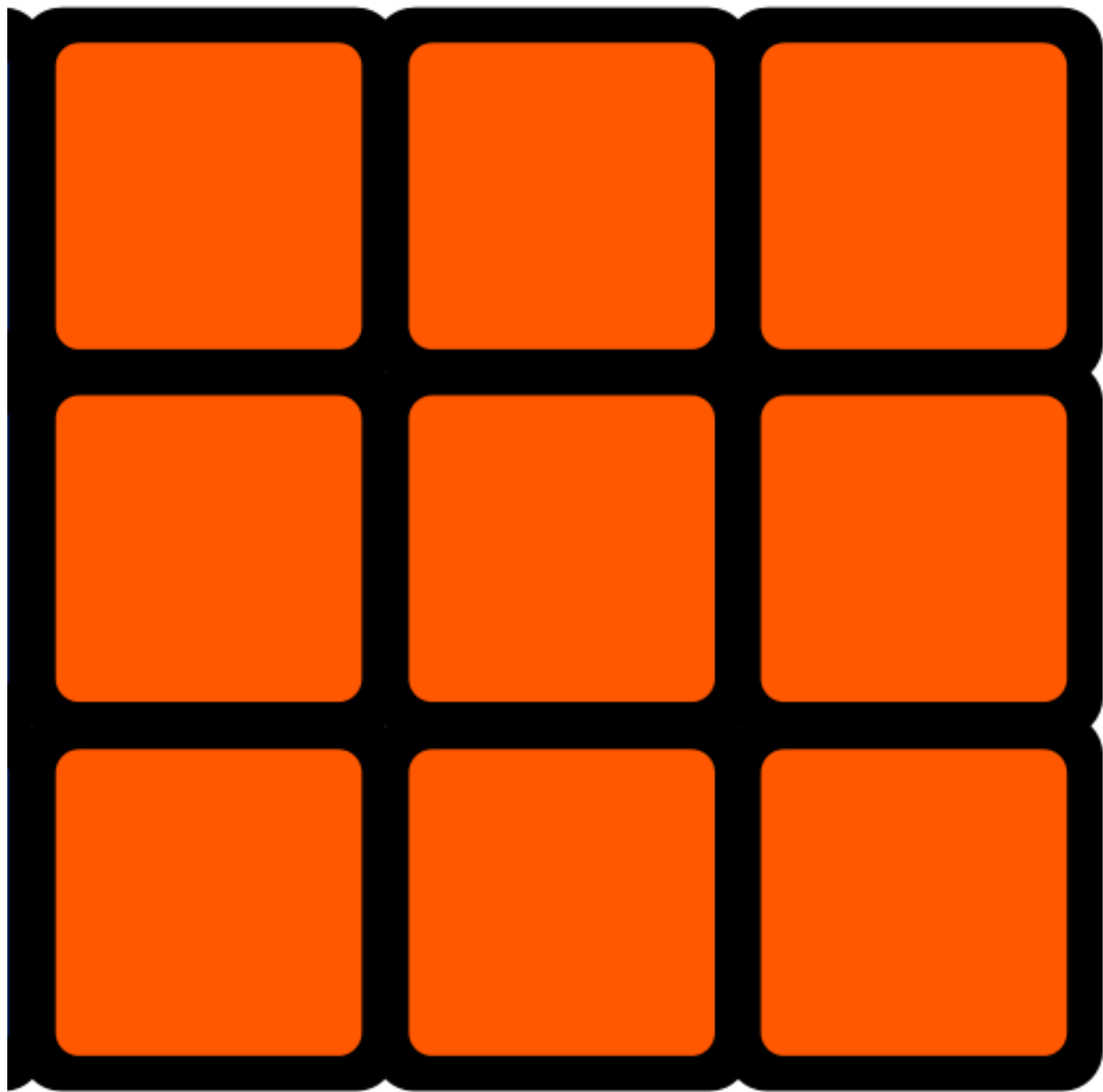








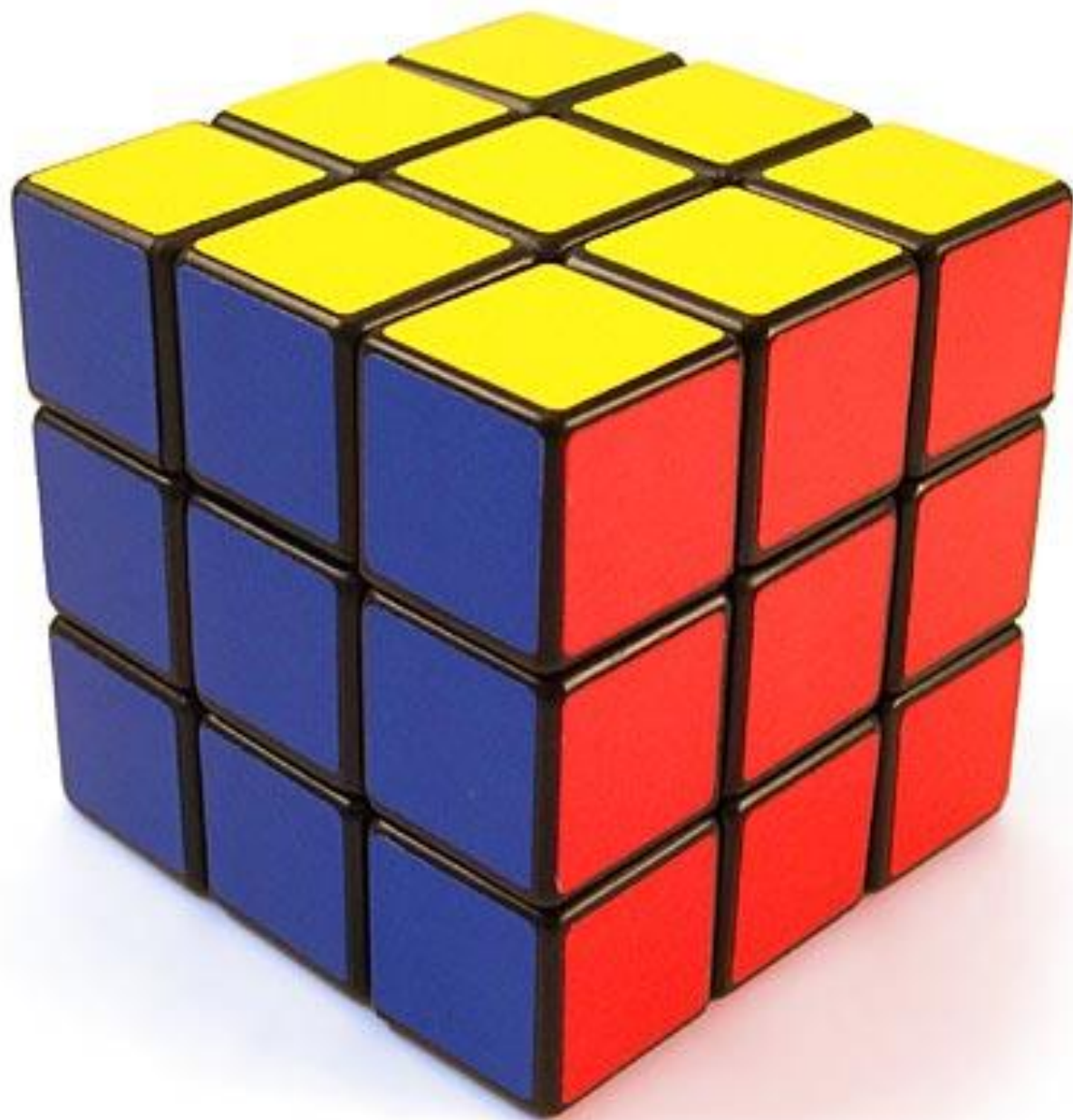


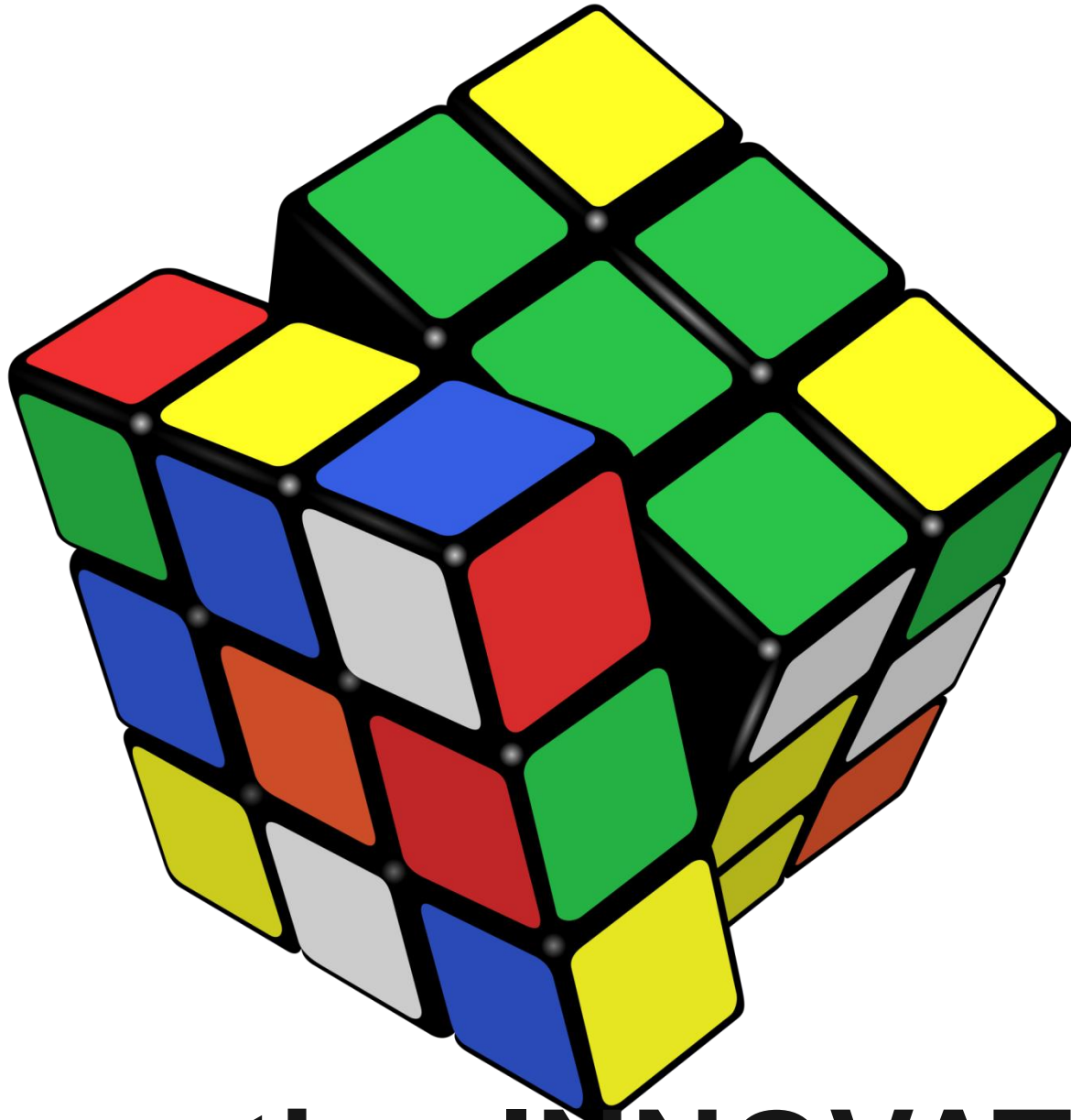


Change

Matrix Analysis DATA SYSTEM

Profession





**Dysruptive INNOVATION**

# Leadership Unity



