AEEM 6097/5097: FS 2019

(5% of final grade… So pay attention)

"Thinking outside of the box is difficult for some people. Keep trying."

Prof. Kelly Cohen

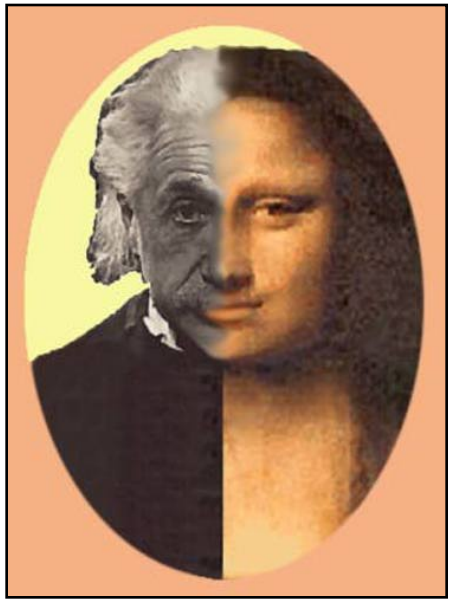
Final Project (P#2) Milestone I

Final Project Milestone M#1

- M#1 stands for Milestone 1. The “M” also stands for it being mandatory.
- M#1 is a PowerPoint presentation uploaded on BB on November 12, 2019.
- M#1 is worth 5 points of your final grade.
- What I have provided is a framework of 16 slides which is a minimum & maximum (i.e. No more and no less)

M#1 – Slide 1

- Title (Be creative ☺)
- Team Member Name (work in teams of MAX 2 …onesies allowed)
- Cartoon/picture

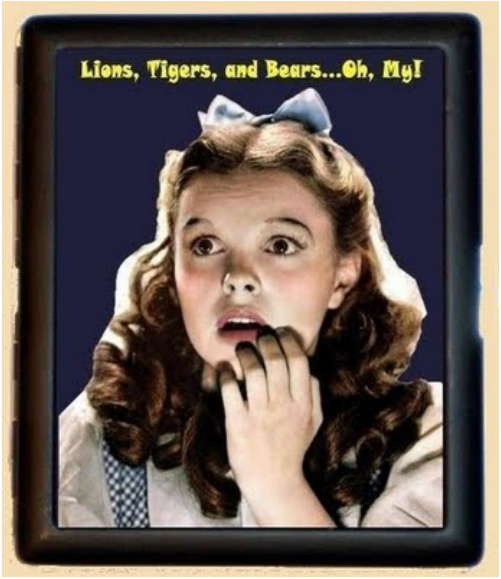


M#1 – Slides 2-5

- Problem description
  - Background
  - What is this problem about
  - Why is it important
  - Why fuzzy?!!!!

M#1 – Slides 6-7

- Block diagram describing system
- On picture have arrow point to Inputs & Outputs of your fuzzy system.

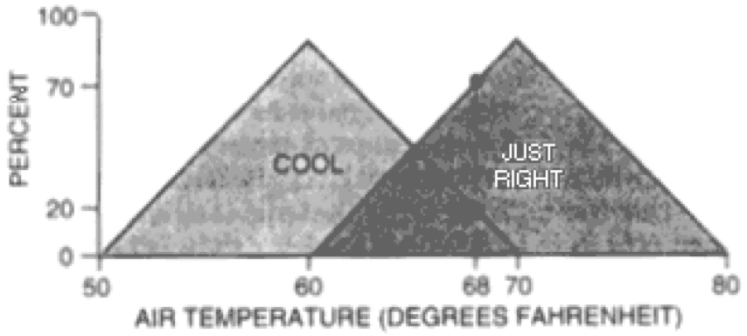


M#1 – Slides 8-9

- Main objective of this specific research program.
- Figure of merit used to assess your success

M#1 – Slides 10-13

- Main approach to obtaining:
  - Membership function selection
  - Rule Base and why you think this is a good idea
  - Inference method
  - Defuzzification method



M#1 – Slides 14-15

- Main challenges (describe linguistically)
- Expected outcomes (how this relates to the "big picture" … your thesis etc…)

M#1 – Slide 16

- Major Reference (the centerpiece publication describing the problem at hand).
- Additional relevant references (at least 3 more).