

## **Exercise: Fuzzy Sets for Size of People**

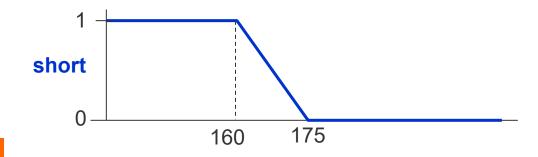
- Draw fuzzy sets for short, medium and tall men; use trapezoidal membership functions.
- Here are the restrictions:
  - Men below 1.60 are definitely short
  - Men taller than 175 are definitely not short
  - Men taller than 190 are definitely tall
  - Men smaller than 180 are not tall
  - Men between 170 and 185 are medium
  - Men below 165 are not medium
  - Men taller than 190 are not medium

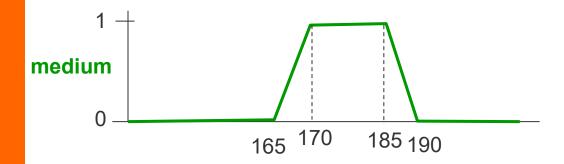


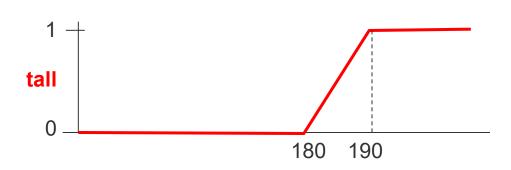
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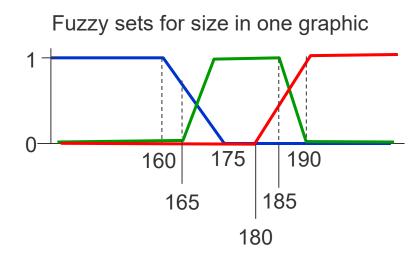


## Solution: Fuzzy Sets for Size of People











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