Source: freefloating

#ref #disorganized #incomplete

## 1 | Principle of Inclusion and Exclusion

- Pie. yum
- Basically the size of the union of two sets  $|U \cup V|$  is equal to  $|U| + |V| |U \cap V|$  and this inducts to more sets (alternating add and subtract of the intersections of differing numbers of sets).

Exr0n · 2020-2021 Page 1