

Solution to Problem Set 1

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1 Question 1

- $\neg(\text{Rain on monday}) \implies (\text{Ram goes to mountains})$
- $(\text{good cat}) \text{-Cute}$
- $\forall \text{ Basketball Players} \implies \text{Tall}$
- $\exists x \in \text{People such that } x \text{ like anchovies}$
- $(\text{Wishes} = \text{Horses}) \implies \text{beggars ride.}$
- $\neg (\exists x \text{ such that } x \text{ like Delhi})$

2 Question 2

- $p(X,Y) \ p(a,Z)$