## **Machine Learning**

### Lab 6- Candidate Eliminate Algorithm

#### Dataset:

Size	Color	Shape	Class
Big	Red	Circle	No
Small	Red	Triangle	No
Small	Red	Circle	Yes
Big	Blue	Circle	No
Small	Blue	Circle	Yes

#### Code:

## Output:

```
Specific Hypothesis: [None, None, None]
General Hypothesis: [['?', '?', '?']]

Specific Hypothesis: [None, None, None]
General Hypothesis: [None, None, None]
General Hypothesis: ['?', '?', '?']]

Specific Hypothesis: ['Small', 'Red', 'Circle']
General Hypothesis: ['Small', 'Red', None]
General Hypothesis: ['Small', 'Red', '?']]

Specific Hypothesis: ['Small', 'Red', None]
General Hypothesis: ['Small', 'Red', '?']]
```

# Submitted by:

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