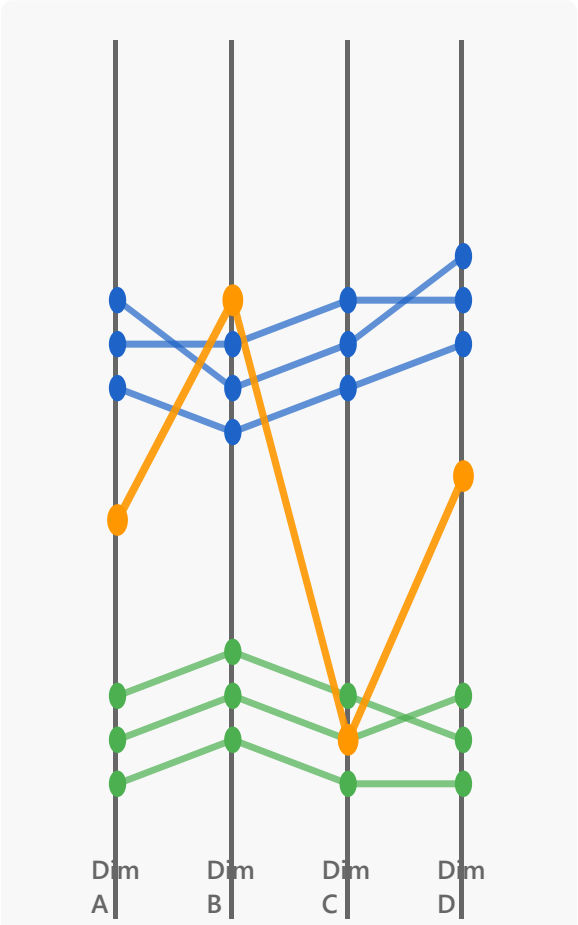
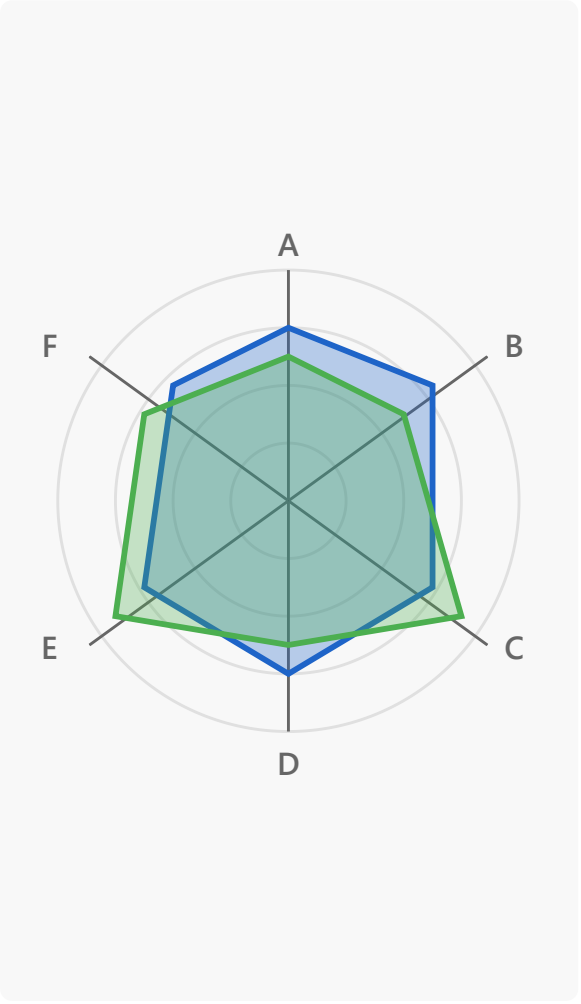
# Multidimensional Visualization

Parallel Coordinates & Radar Chart

## Parallel Coordinates




## Radar Chart




## Comparison

### Parallel Coords

- Many dimensions
- Reveals clusters
- Color by class

### Radar Chart

- 6-8 dimensions max
- Profile comparison
- Circular symmetry

## Limitations

- Parallel: Axis order matters
- Radar: Limited dimensions
- Both: Can be cluttered

## When to Use

- ✓ High-dim exploration
- ✓ Pattern detection
- ✓ Profile comparison

Lines connect observations across dimensions

Circular layout comparing entity profiles

✓ Player/product stats