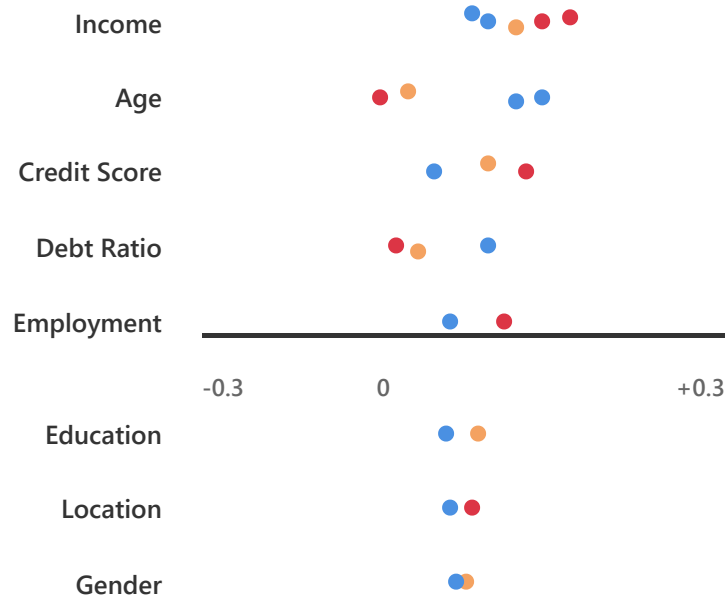


## Summary Plot and Dependence Plot: Global Analysis



### Summary Plot (Beeswarm)

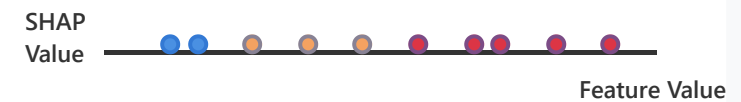


● High value ● Medium ● Low value

#### Code Example



### Dependence Plot



#### Key Insights

- Non-linear patterns
- Feature interactions
- Optimal ranges
- Threshold effects

#### Use Cases

- Understand feature behavior
- Identify sweet spots
- Detect interactions
- Validate model logic

#### Code Example

```
shap.summary_plot(shap_values, X)
```

```
shap.dependence_plot(  
    "Income", shap_values, X  
)
```