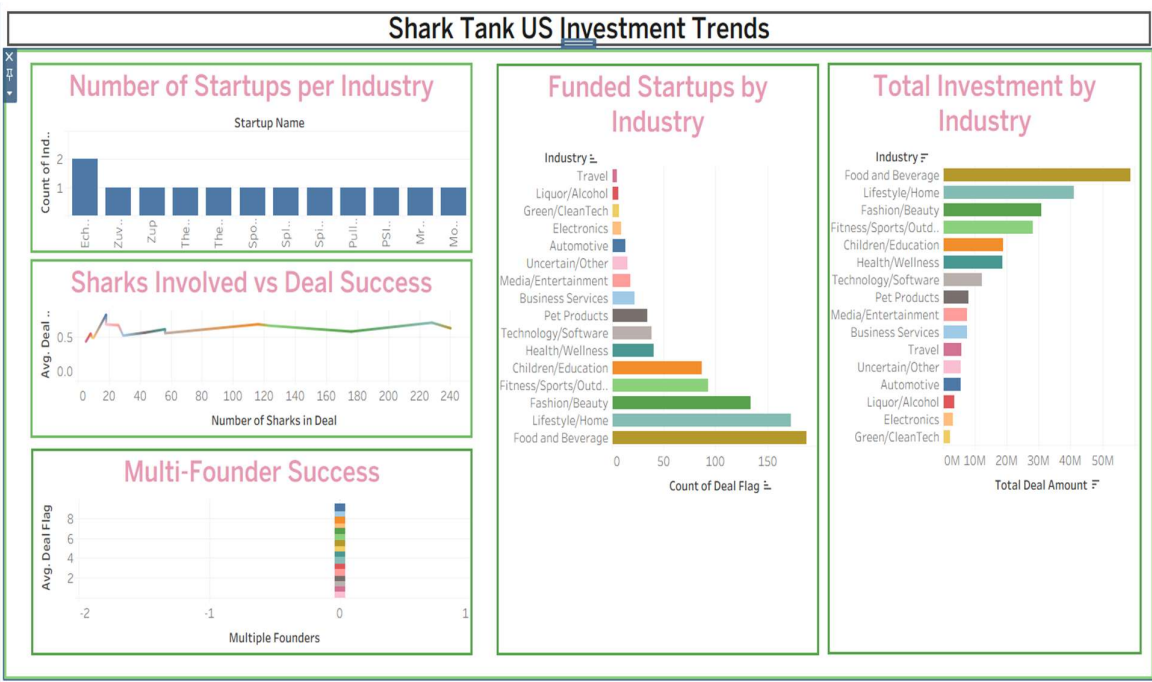


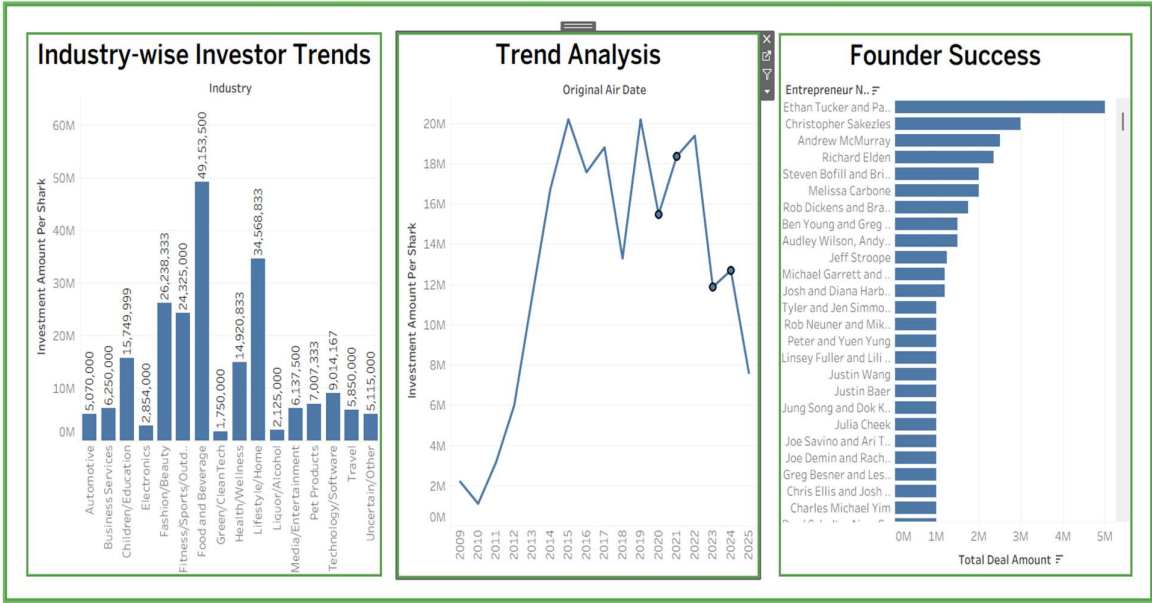
# 15. Startup Investment Analysis (Shark Tank Data)

## 1. Visual Dashboard



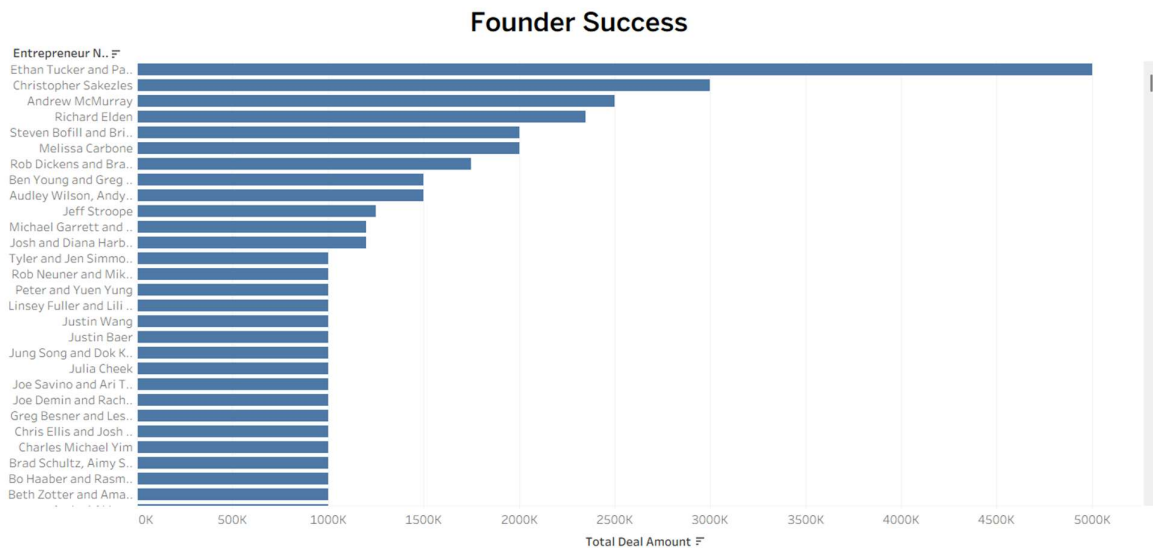
## 2. Industry-wise investor trends dashboard

Shows industry funding distribution, top founder deals, and monthly investment trends



### 3. Founder success pattern summary

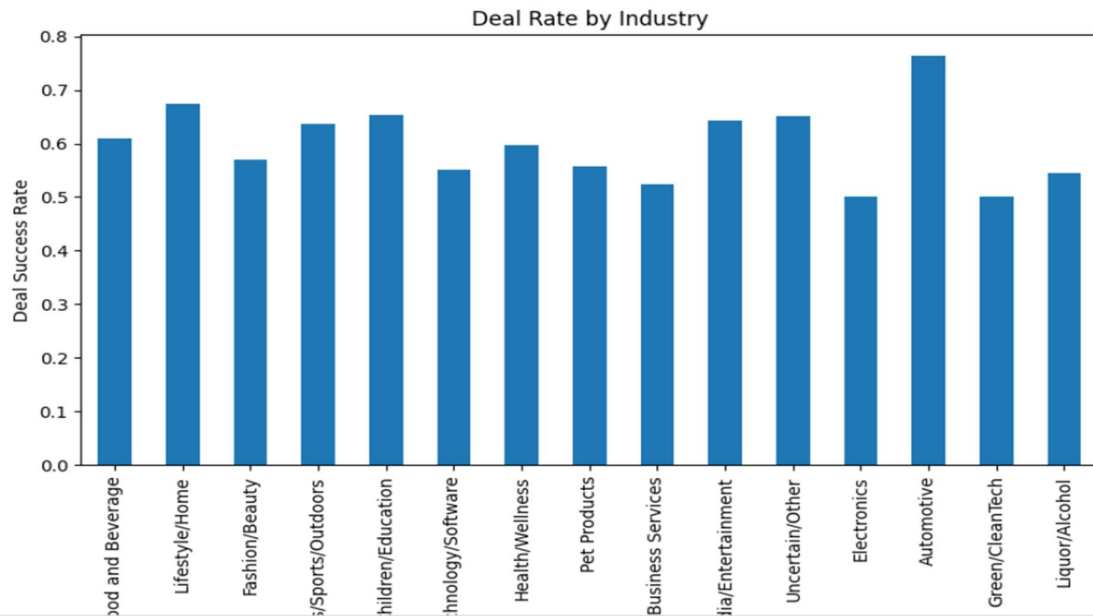
#### i) Tableau outcome



#### ii) Python outcome

```
import matplotlib.pyplot as plt

industry_stats = industry_stats.sort_values('count', ascending=False).head(15)
industry_stats['deal_rate'].plot(kind='bar', figsize=(10,5))
plt.title("Deal Rate by Industry")
plt.ylabel("Deal Success Rate")
plt.show()
```



**Title: Founder Success**

**Visualization Type: Horizontal Bar Chart**

**Tool Used: Tableau & Python**

**Purpose:**

The chart compares the success of different entrepreneurs based on the Total Deal Amount (in ₹) they received. It visually highlights which founders secured the highest investments or funding deals.

**Key Insights:**

Each bar represents an entrepreneur's total deal amount, showing how successful they are in terms of attracting investment.

The entrepreneurs are arranged in descending order, with the most successful (highest total deal amount) shown at the top.

The top few founders have significantly higher deal amounts, indicating a strong variation in performance or investor confidence.

The metric "Total Deal Amount" (shown on the x-axis) measures overall success quantitatively.

**Interpretation:**

This visualization helps identify the top-performing founders and provides a clear comparison of how much funding each one has raised. It can be used to study patterns in investor preferences, founder experience, or company appeal.