

# **Comprehensive Analysis and Dietary strategies with tableau: A College Food Choices Case Study**

## **Chapter - 10**

### **10.1 – Conclusion**

The case study highlights the importance of using data analytics to understand college students' food choices and dietary habits. By applying comprehensive analysis with Tableau, raw data from surveys and cafeteria records can be transformed into meaningful visual insights.

The study helps in identifying unhealthy eating patterns, nutritional gaps, and factors influencing food preferences. Based on these insights, effective dietary strategies can be developed to promote healthier eating habits among students. It also supports better menu planning, cost control, and reduction of food wastage.

### **Overall Conclusion:**

Integrating data analysis and visualization tools like Tableau improves decision-making, enhances student health awareness, and ensures efficient campus food management. However, its success depends on accurate data collection, proper implementation, and skilled analysis.

