Chapter - 11

11.1 - Future Scope

- **Integration with AI & Predictive Analytics:** Future systems can use machine learning to predict student food preferences and health risks.
- **Personalized Nutrition Plans:** Development of customized diet recommendations based on individual health data and lifestyle.
- **Mobile App Integration:** Linking Tableau dashboards with student apps for real-time dietary tracking and suggestions.
- **Real-Time Data Monitoring:** Automated data collection from smart cafeteria systems for instant analysis.
- **Expansion to Multiple Campuses:** Applying the model across universities for comparative analysis.
- **Health Awareness Programs:** Using insights to design targeted wellness campaigns and nutrition workshops.
- **Collaboration with Health Experts:** Integration with dietitians and medical professionals for better intervention strategies.