I.

1. Descriptive Analytics

2. Business Analytics

3. Data

4. Variable

5. Nominal Data

6. Ordinal Data

7. Interval Data

8. Interval Data

9. Ratio Data

10. Model

II.

11–12. Data Collection, Data Processing, Data Visualization, Statistical Analysis

13. Descriptive Analytics, Predictive Analytics, Prescriptive Analytics

14–15. Microsoft Excel, Tableau, Google Data Studio

16–18. Data Mining, Data Aggregation, Data Summarization

19–20. Sales Reports, Financial Statements

III

Descriptive analytics makatabang og ayo sa negosyo kay makita nimo ang nahitabo sa past gamit ang data. Example, kung pila ang halin kada buwan. Makita dayon nimo kung asa dapita ni-ubos or ni-saka. Useful ni para makabalo ang mga managers unsa ilang buhaton sunod. Dili lang ni pang-report, pang-guide pud sa decision making. Simple ra pero powerful.

I

1. Horizontal Integration

2. Merger

3. Horizontal Expansion

4. Strategic Alliance

5. Acquisition

6. System Integration

7. Middleware

8. Application Programming Interface (API)

9. Business Process Integration (BPI)

10. Data Integration

II

1–5. Reduce costs, Improve supply chain coordination, Increase control over production, Enhance market power, Secure critical supplies or distribution channels

6–7. Forward Integration, Backward Integration

8–12. Mergers and Acquisitions, Market Share Expansion, Economies of Scale, Reduction of Competition, Resource and Capability Sharing

13–16. Improved efficiency, Better scalability, Easier maintenance and upgrades, Enhanced security

17–19. Enterprise Application Integration (EAI), Data Integration, Business Process Integration

20–23. Middleware, Application Programming Interfaces (APIs), Data Warehouse/Data Lake, Integration Servers/Platforms

24–25. Facebook acquiring Instagram, Disney acquiring Pixar

III

Companies engage in vertical integration para ma-control nila ang ilang supply chain ug operations. Kung ang company naay own supplier or distributor, mas dali ang coordination ug mas less ang gasto. Dili na sila mag-depend sa laing companies, so mas stable ilang production. For example, kung sila mismo ang maghimo sa raw materials, maka-save sila ug kwarta ug makasiguro sila sa quality. It also gives them an advantage over competitors, kay lisod na i-compete kung fully integrated ang system. In short, vertical integration helps increase profit, control, and efficiency sa business.