

Diagnostic_Analytics - Questions

Q1. Increasing customs delay for Sea shipments by 2 days changes the Pareto chart in which way?

- A. Air becomes most delayed
- B. Sea dominates delay causes
- C. Road delays rise
- D. Nothing changes

Correct answer: B. Sea dominates delay causes

Q2. A 1-day increase in Road linehaul time most affects which variable?

- A. SLA target
- B. Lead time variability
- C. Customs duration
- D. Cost per km

Correct answer: B. Lead time variability

Q3. Raising the SLA for Sea shipments from 18 to 20 days will:

- A. Improve OTIF without real performance change
- B. Reduce lead time
- C. Increase customs time
- D. Have no measurable effect

Correct answer: A. Improve OTIF without real performance change

Q4. Reducing Pick and Depart times by 20% mainly improves which area?

- A. Port operations
- B. Warehouse performance
- C. Customer behavior
- D. Documentation accuracy

Correct answer: B. Warehouse performance

Q5. Redefining "late" as $\text{LeadTime} > (\text{SLA} + 1)$ has what effect?

- A. More shipments classified as late
- B. Fewer shipments classified as late
- C. OTIF decreases
- D. No change

Correct answer: B. Fewer shipments classified as late