Designing Interactive Dashboards for Data Insights

Part 1: Office Roleplay Dialogue

Scenario: An Intelligence Analyst, Kenji, is collaborating with his colleague, Maria, to develop an interactive **dashboard** for tracking company performance.

Maria: Hey Kenji, I heard you're working on a new **dashboard** for tracking sales performance. How's it going?

Kenji: It's coming along well. I'm focusing on **data visualization** to make the insights clearer for managers.

Maria: That's great. What kind of **KPIs** are we including in the dashboard?

Kenji: We'll track revenue growth, customer retention, and conversion rates as our key **KPIs**.

Maria: Sounds good. Are you incorporating any **interactive charts** to make it more user-friendly?

Kenji: Yes, I'm adding filters so users can customize the charts and compare different time periods.

Maria: That's a smart approach. How's the **user interface** coming along?

Kenji: I'm designing it to be simple and intuitive. Users should be able to find key insights quickly.

Maria: I like that. Can we test it before rolling it out?

Kenji: Absolutely. Let's do a usability test next week and get feedback from stakeholders.

Maria: Perfect! I think this **dashboard** will make reporting much more efficient.

Part 2: Comprehension Questions

1. What is Kenji designing?

(A) A new company logo
(B) A marketing email campaign
(C) A presentation on customer complaints
(D) A dashboard for tracking sales performance

2. Why is Kenji focusing on data visualization?

(A) To improve website traffic
(B) To make insights clearer for managers
(C) To reduce the amount of data collected
(D) To increase the company's IT security

3. How are interactive charts being used in the dashboard?

(A) Users can customize them and compare different time periods
(B) They display only one fixed set of data
(C) They are used to write reports
(D) They change colors based on company branding

4. What is the next step before launching the dashboard?

(A) Printing paper copies of the reports
(B) Sending the data to another department
(C) Usability testing with stakeholders
(D) Deleting unnecessary files

Part 3: Key Vocabulary Definitions in Japanese

1. **Dashboard (ダッシュボード)** – ビジネスデータを視覚的に表示し、重要な指標を一目で確認できるツール。

2. **Data Visualization (データ可視化)** – グラフやチャートを用いてデータを分かりやすく表現すること。

3. **KPI (Key Performance Indicator) (主要業績評価指標)** – 企業の目標達成度を測るための重要な指標。

4. **Interactive Charts (インタラクティブチャート)** – ユーザーが操作してデータを動的に表示できるグラフ。

5. **User Interface (ユーザーインターフェース)** – ユーザーがソフトウェアやシステムと対話するためのデザインや構造。

Part 4: Questions & Correct Answers

1. **What is Kenji designing?**
   ✅ (D) A dashboard for tracking sales performance

2. **Why is Kenji focusing on data visualization?**
   ✅ (B) To make insights clearer for managers

3. **How are interactive charts being used in the dashboard?**

✅ (A) Users can customize them and compare different time periods

4. **What is the next step before launching the dashboard?**

✅ (C) Usability testing with stakeholders