

## **Environmental Impact Questions:**

1. **What is the relationship between the amount of wood pulp produced and the associated deforestation and emissions?**
  - **Columns to Analyze:** Pulp volume, Annual wood pulp deforestation, Gross emissions from land use change.
  - **Purpose:** To determine if higher production volumes lead to disproportionately higher deforestation or emissions.
2. **How do different wood suppliers compare in terms of deforestation and emissions?**
  - **Columns to Analyze:** Wood supplier, Annual wood pulp deforestation, Gross emissions from land use change.
  - **Purpose:** To identify which suppliers have a lower environmental impact and promote sustainability.
3. **What is the impact of zero deforestation commitments on actual deforestation and emissions in different regions?**
  - **Columns to Analyze:** Zero deforestation commitments, Annual wood pulp deforestation, Net emissions from land use change.
  - **Purpose:** To evaluate the effectiveness of zero deforestation commitments in reducing environmental impacts.
4. **How does annual deforestation in peatlands correlate with overall emissions in the wood pulp production process?**
  - **Columns to Analyze:** Annual Deforestation on Peatlands, Total emissions in wood pulp concession, Emissions from peat burning.
  - **Purpose:** To assess how land-use change in peatlands (often burned for plantation expansion) contributes to emissions.
5. **What are the differences in emissions and deforestation between natural forests and plantations (eucalyptus, acacia)?**
  - **Columns to Analyze:** Annual wood pulp deforestation, Annual Deforestation on Peatlands, Pulpwood planted area, Natural forest area.
  - **Purpose:** To determine if plantations are more sustainable than natural forests in terms of environmental impact.

## **Supply Chain and Production Questions:**

### **1. How does the concession area size influence emissions and deforestation?**

- **Columns to Analyze:** Concession area, Annual wood pulp deforestation, Gross emissions from land use change.
- **Purpose:** To determine whether larger production areas lead to higher emissions and deforestation rates.

### **2. What is the relationship between pulp volume and sustainability practices (e.g., zero deforestation commitments)?**

- **Columns to Analyze:** Pulp volume, Zero deforestation commitments, Annual wood pulp deforestation.
- **Purpose:** To assess if companies that produce larger volumes of pulp are adopting sustainable practices effectively.

### **3. Which pulp mills are the most efficient in terms of reducing emissions and deforestation?**

- **Columns to Analyze:** Pulp mill, Gross emissions from land use change, Annual wood pulp deforestation, Concession area.
- **Purpose:** To evaluate the sustainability performance of specific mills and identify leaders in sustainable production.

## **Geographic and Trade Questions:**

### **1. How do emissions and deforestation rates vary by country of wood production?**

- **Columns to Analyze:** Country of wood production, Annual wood pulp deforestation, Gross emissions from land use change.
- **Purpose:** To identify the countries contributing most to deforestation and emissions in the supply chain.

### **2. What is the impact of wood pulp exports on the environmental footprint in destination countries?**

- **Columns to Analyze:** Country of destination, Pulp volume, Total emissions in wood pulp concession.
- **Purpose:** To assess whether exported pulp contributes to environmental degradation in the destination country.

## **Trend and Long-Term Analysis Questions:**

### **1. How have emissions and deforestation trends changed over the past several years?**

- **Columns to Analyze:** Year, Annual wood pulp deforestation, Gross emissions from land use change.
- **Purpose:** To identify if there are improvements or deteriorations in sustainability over time.

### **2. How do emissions per unit of pulp produced change across different wood suppliers and regions?**

- **Columns to Analyze:** Wood supplier, Pulp volume, Gross emissions from land use change.
- **Purpose:** To assess efficiency in emissions reductions based on suppliers and production regions.