**06.05.25**

**Homework:** p. 152 ex. 6.1 - and make up 5 sentences with the vocabulary,

|  |  |  |
| --- | --- | --- |
| Verb | Noun | Adjective |
| reshape  possess  disperse  estimating | breakthrough  concerns  exposure  soil  dissolution  speciation  settling  agglomeration  invertebrates  assessment  consumer  hazards  bulk | emerging  dispersed  diverse |

1. The scientist is studying nanoparticles to understand how they interact with the environment.
2. **We need to** reshape **our approach to data protection because the old methods are no longer effective.**
3. **The company faced many** concerns **about the safety of its new technology.**
4. **Long-term** exposure **to harmful substances can have serious health effects.**
5. **The** transformation **of the material was visible under the microscope.**

p. 157 ex. 7.6.

|  |  |  |
| --- | --- | --- |
| TH objective | Potential problem | Solution |
| Eliminating the digital divide | Lack of access to advanced technologies produces social, economic, and cultural inequality. | Offer training on new technologies to all members of society. |
| Ensuring user privacy | The transfer of private data on the Internet is a major problem. Unauthorized use of data can harm users. | Implement strict regulations to protect user privacy and ensure data is not used without consent. |
| Ensuring the ethical use of new technologies | Innovations like machine learning algorithms are not yet regulated. Companies with access to user data have too much power. | Limit the power of companies through public authority regulations and ethical guidelines. |
| Identifying sustainable solutions | Scientific and technological progress has unavoidable impacts on the environment. | Develop sustainable and energy-efficient technological solutions to minimize environmental impact. |
| Keeping the focus on humans | Automation of processes (e.g., hiring, training) may neglect human needs. | Ground technology and innovation in human scale, senses, and needs to prioritize human well-being. |

**20.05.25**

**Homework:** p. 10-13, answer the questions at the top of page 13

Look through these advertisements again and answer these questions:

• What companies are represented in these advertisements?

Relief International and Red Mountain Machinery

• What sort of a specialist do they need?

Relief International – Web Designer/Developer

Red Mountain Machinery – Senior Database Administrator

• What will their responsibilities be?

Relief International:

1. Develop and maintain web-based applications using strategic and user-friendly approaches.
2. Use web and graphic technologies to implement internet/intranet solutions.
3. Collaborate with staff to make recommendations for web-related services.
4. Stay updated on new web technologies and best practices.
5. Test and troubleshoot web pages across browsers and platforms.
6. Produce and send electronic newsletters using common email delivery software.
7. Work with technical and managerial personnel to solve problems and suggest improvements.

Red Mountain Machinery:

1. Supervise, train, and guide a Junior Database Analyst.
2. Resolve software issues and prioritize database-related tasks.
3. Maintain SQL databases and oversee the creation of MS Access databases.
4. Devise strategies for data entry and ensure data consistency.
5. Act as the main point of contact for all database needs within the company.
6. Work on large-scale database projects aligned with the company’s strategic goals.

• Do they need any experience?

Relief International: requires 2 to 4 years of experience in web design.

Red Mountain Machinery: requires 4 years of related experience, though not necessarily in the same industry.

Vocabulary focus – ex. 2 – make up 5 sentences with the vocabulary.

1. The DBA *manages* all aspects of data entry, report creation, and data analysis
2. The IT manager will *oversee* the implementation of new software to ensure it meets the company’s needs.
3. The database administrator is responsible for *maintaining* the integrity and security of all stored data.
4. The technical support specialist quickly *resolved* the issue by troubleshooting the system errors.
5. To stay competitive, the company must *utilize* the latest technologies in its operations.