

W E L C O M E





Md. Shakil Rana
ID: 41230201235
Student, Department
of CSE
Northern University Bangladesh

Importance of Statistics



Definition of Statistics

Statistics is the science of collecting, analyzing, interpreting, presenting, and organizing data.



Why Is Statistics Important

- Makes data meaningful
- Supports decision-making
- Detects patterns and trends

Importance in Daily Life

- Weather forecasts
- Sports performance analysis
- Healthcare decisions and medical studies
- Social media trends and algorithms



Importance in Education and Research

- Analyzing test results and academic performance
- Supporting scientific research with reliable data
- Helps in drawing accurate conclusions and reducing bias



Importance in Business and Economics

- Market research and consumer behavior
- Financial forecasting and budgeting
- Risk assessment and quality control



Importance in Government and Policy Making

- Census and population studies
- Health and crime statistics
- Planning public services (education, transportation etc)

Conclusion

- Statistics is more than just numbers.
- It helps us understand the world better, make decisions, solve problems, and improve systems.
- In a data-driven world, understanding statistics is a powerful skill.

THANK YOU