



SZABIST
UNIVERSITY
Islamabad Campus

COMPUTER SCIENCE DEPARTMENT

Total Marks: 04

Obtained Marks: _____

Business and Techonology Ethics

Assignment # 01

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→ Over Reliance on Technology's dependence on AI may reduce. Lamentable judgement and employing especially in education & healthcare. Solution is use AI to assist, not replace.

→ Privacy & Surveillance: AI collects personal data through facial recognition & smart devices, threatening privacy. Solutions Regulate data collect & acquire.

→ Job replacement: Automation replaces humans widening the economic gap b/w owner and worker.

Solutions Governments & Companies should invest in retraining & skills development.

Conclusion: Whole AI & robotics revolution in healthcare, manufacturing & education their development & use ethics to ensure fairness, accountability & social equity.

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Artificial Intelligence and Robotics are rapidly transforming industries by increasing efficiency, accuracy and accessibility in healthcare. A.I powered diagnostics systems and robotic surgery like (Da Vinci Surgical System) assist doctors in performing complex procedures with precision and speed. In manufacturing, A.I based robotic arms such as used in Tesla's automated assembly lines enhance productivity and reduce human error. In education, A.I tutors, chatbots and personalized learning platforms help teachers and students needs and also provide tailored support. However, this technological revolution also raises ethical concerns.