

AI and the employment in Pakistan: Threats and Opportunities

Outline:

1. Introduction:

1.1 Hook

1.2 Background information

1.3 Thesis statement: As Pakistan stand on the brink of a technological revolution, artificial intelligence (AI) promises to transform industries, economies and societies. Thus, in this revolution AI is going to pose serious challenges in manufacturing, agriculture and services^{sectors} potentially leading to widespread unemployment. In the same way AI also promises employment opportunities.

2. Relationship between AI and Employment in Pakistan:

3. Threats Posed by AI in Employment sector in Pakistan:

3.1 Threats posed by AI in the manufacturing sector i.e. textile and garment manufacturing

3.2 Threats posed by AI in the agriculture sector i.e. replacement of traditional farming with AI driven

3.3 Threats posed by AI in the services sectors i.e. digital marketing

- 3.4 Threats posed by AI in the banking sector
- 3.5 Threats posed by AI in the clerical work
- 3.6 Threats posed by AI in the educational sector i.e. replacement of teachers with AI models
- 3.7 Threats posed by AI in the health sector i.e. automation of health sector

4. Opportunities Provided by AI in Employment sector in Pakistan:

- 4.1 AI has introduced new career paths i.e. Data Engineer, Robotics Engineer
- 4.2 AI has focused on more technical skills jobs
- 4.3 AI has provided equal opportunities to women thus removing gender inequality
- 4.4 AI has revolutionized industries i.e. creating new industries and providing employment
- 4.5 AI has improved the need of personality skilled jobs
- 4.6 AI has provided more opportunities in criminal findings and security matters.

5. Conclusion:

The Essay:

As it has been rightly said by the Kai-Fu Lee, a data scientist that AI will not replace jobs but it will change the nature of work. This saying of Kai-Fu Lee has become relevant in this age of AI. People are fearful about the losing of employment opportunities with the advent of AI. However, the fact is that AI will not replace the jobs rather it will change nature of work. This is evident in the history that when computer was invented everyone was apprehending the losing of jobs. In fact, with the invention of computer, with a minor exception, not only new jobs are created but also work is being done smoothly. Same is the case with AI. AI has created threats and opportunities in the employment sector of Pakistan. AI has posed threats of losing employment in manufacturing, services and agriculture sector. In the same fashion, AI has also created opportunities in technical sector and improving the skill set of an individual.