

Has employment increased or decreased in the cyber age?

① Introduction:

Thesis Statement:

Cyber age has a deep impact on the employment ratio, some believe that employment rate has increased and some believed cyber age caused a decline in employment ratio. Yet, developments related to cyber age has increased employment opportunity opportunities, which leads to the decrease in unemployment. With proper investment in cyber industry, more employment opportunities will be facilitated.

② How employment increased or decreased in the cyber age?

③ How employment has increased in cyber age? **(Thesis)**.

- a) Business of free lancing.
- b) Social media platforms has increased employment opportunities
- c) e-gaming has been developed as a full fledg earning field.
- d) Development of Robotic industry.
- e) Wele-developing business

④ How cyber age has decreased employment? **(Anti-thesis)**

- a) Everyone do not have free lancing opportunities.

b) Social media is recreational platform, not a business platform.

c) E-gaming industry is ~~entertained~~ not too expensive

d) Robotic industry is limited to the developed economies.

e) Not everyone is skilled in web-developing.

(5) Cyber age has decreased unemployment ratio as to the non-cyber age.

a) In cyber age almost each person have freelancing opportunity.

b) Recreation industry is a trending business in cyber age.

c) E-gaming is developing and highly paid field in cyber age.

d) Robotics industry is developing at microlevel in developing countries.

e) Skilled web-developers can earn from home without help any paid agency.

(6) Conclusion.

Essay:

"With the appearance of communications networks and interconnected computers, we got the world wide web and it changed the lives of most people, I think." (Marvin

Minsky, An American computer scientist)

Networks and computers have made world, a cyber world and also known as a cyber age. Cyber age has a deep impact on the human life, it affected human life in many ways such employment, education, and other fields of life. Specifically cyber age has a deep impact on the employment ratio, some believe that employment rate has increased and some believed cyber age has caused a decline in employment ratio. Yet, developments related to cyber age has increased employment opportunities, which lead to the decrease in unemployment. With proper investment in cyber industry, more employment opportunities will be facilitated. Employment in cyber age is far more easy than any other age, cyber age has created new opportunities for employment such as freelancing, earning from social media platforms, e-gaming, development in Robotics industry and web developing business opportunities. While some analyst believe due cyber age has decreased employment ratio. But cyber age has clearly decreased unemployment due to developments and innovations.

Cyber age lead to development of new industry, prior to this there were limited number industries like textile, machinery, food and weapon industry. limited number of people had access to these industry, while cyber industry made world a global village. According to the CompTIA's number, cyber industry will attract young people people, as Tech employment overall is expected to double in the next decade, with demand for data scientists growing at **268%** and demand for cyber-security jobs expanding by **253%**. According to the new research on the tech workforce work force found that **52%** of those who work in cybersecurity are in the 35-54 age. So cyber industry has increased employment opportunities, while other school of thought believe due to development of cyber industry machines and technology has replaced the human being. For ~~expc~~ example, number of restaurants have replaced robots for serving food.

Business of freelancing is a development, resulted due to the progress in cyber industry. Ease in the ~~avai~~ availability of internet and technology have helped unemployed to earn via free-lancing (typing, data entry and marketing etc). Due to

increase in the population, not everyone is able to get a handsome job at a good firm. So, doing free lancing business will don't require an official platform, and can be easily done from home and internet cafe to control unemployment. According to an article published in Forbes, "Business of free-lancing in contemporary era", almost 30% of people are earning their livelihood by doing free-lancing. That's how this trending business idea became tool to control unemployment.

Another opportunity created by that modern industry is earning from the social media and learning about opportunity of employment. Before the development of cyber industry, only few were able learn and learn about the opportunity. But now in current era, every body have access to the social media, this creates equal opp and more opportunity for all.

For example, there are number of people who are earning through their youtube channels and getting know about various jobs across the border ~~border~~ border. In context of opportunity and awareness, social

media is blessing of cyber age for human beings.

That developments not limited to few fields, but also led to the new field like e-gaming, an emerging digital industry. People's passion for the internet has been utilized to control social issues like unemployment by making different policies in countries like China, Japan and South Korea, whose digital industry is advancedly developed. They are recruiting people on regular basis and controlling unemployment ratio. In that way digitalization had helped out to employ talented people, who were wandering because of unemployment.

Artificial intelligence is one of the important development resulted because of digitalization process, robotics is emerged as a new progressing business. World is shifting from manual to digital modes of comforts and manufacturing and for daily use as well. Governments are investing a lot to compete the world and hiring new people for research, manufacturing and including labours as well. The Pakistani government has

planned to invest seed money of R.S 1.1 billion to start a 3-year project on Artificial intelligence focusing on Robotics. This will create employment opportunity for number of engineers, researchers and experts.

In era of cyber development, every thing is being promoted, announced, introduced and explained ~~to~~ with the help of web pages. Now people usually prefer website to check and confirm any information. People prioritize web, because of its credibility and quick access to the information. Web-developing is ~~one~~ among one of the emerging platform for earning and controlling unemployment. This industry is growing industry in the Pakistan and there are proper inductions government sectors like Punjab information technology Board and it will get better with time and there will be more recruitments.

Some analyst thinks quite different, they believe cyber age has harmed human beings and limited opportunities for passionate individual, because now Technology is prioritized over human being. They rejected the claim that employment has increased due to

(8)

The development in cyber industry. It was claimed by the opposite school of thought that, free lancing business is controlling unemployment, but it was rejected by others. Opposers claimed that less business of free lancing is not increasing employment opportunities by saying that this business is dependent on internet facility. So, people who live in urban area, have access to the internet facility, people of rural area will be unemployed and only most of Pakistani population live in rural area. At the start of 2022, 37.8% of Pakistan's population lived in Urban centers while 62.2% lived in rural area. So ~~not~~ largest part of population do not have internet access. According to the Data-Reportal Global insights, **Pakistan's internet penetration rate stood at 36.5% of total population at the start of 2022.** Most of the population lived in rural area and with limited internet access have ~~not~~ rejected the claim free lancing is increasing employment opportunity.

Another bold claim made by the supporters of digital age, social media can be good platform for the employment opportunities, by creating awareness

about job opportunities. Social media is a wastage of time, that claim is totally absurd that people use social media to overcome their financial needs by looking for jobs opportunities. People mostly use social media for their recreation and for checking the updates about the entertainment industry. Because social media have lots of recreational features like reels, video sharing, and posts creating and people enjoy them for their ~~recreation~~ entertainment and satisfaction. According to Zippia ^{the} statistics provided by zippia 40% of all social media users worldwide use social media for work purpose.

Majority of ~~pop~~ world population use social media for fun only, not for work or employment purpose.

E-gaming is also an entertaining industry. People from elite class can only afford expensive e-gaming gadgets. Only employed one can earn through robotics industry, elite ones. In developing industry like Robotics, industrialist prefer most of the foreign graduates, they trust the ability of local graduates. The strict eligibility criteria demotivates the people and will encourage unemployment. Moreover, this industry is only promoted

in developed countries with less unemployment ratio. For example countries like China, Japan, Singapore, and USA, are earning with their both hands and replacing robots with human beings. In cyber age machines are employed and human beings are unemployed.

Businesses like robotics, freelancing and e-employment are being promoted by the webpages and different websites. Well wishers of cyber age claimed, web-developing is creating employment opportunities, but only for the skilled ones and those who have a strong educational commands. People with degrees or skill can earn easily through the web-developing, but of unskilled and uneducated people will face employment crisis. Because most of population is uneducated and unskilled. So, web-developing is not helping a lot in controlling unemployment. It is just entertaining those who can easily find a new jobs and can avail opportunities at official platform.

"Where there is a will, there is a way." You without any struggle, no one

can achieve anything. something is better than nothing, it says in a proverb that, drops ~~not~~ come together to form an ocean. The way world is progressing in cyber, technology, almost each person have an access to the internet. According to survey conducted by the digital portal - Global insight that, "In ~~coming~~ coming years almost 98% of people will access to the internet. Development of cyber gadgets are rays of hope, and number of people are availing employment from digital world.

Just like freelancing, social media is also being claimed as an entertainment platform, but in current era businesses like youtubeing, blogging, and running fan pages on instagram, have ^{provided} a handsome opportunity for the employment. People are doing online business, like running e-shops. This is because in the advancement of technology. For-example there ^{are} e-book shops and earning from youtube is quite high and famous, estimate earning is of one youtubeer is atleast 2k dollars a month. People are creating employment opportunities by themselves. As per moral lesson, God help themselves, those who help themselves

People are helping themselves by investing in modern technology, which leads to the formation of new industries. E-gaming is currently as a new emerging field and youngs minds are totally into it. Through e-gaming governments are recruiting employs at different level. E-gaming is not developing at higher level, but also at lower level. People with low budgets are also developing games and now there are proper agencies are working for the development of e-gaming and organizing proper leagues. According to Statista, a US-based statistical data provider, **In Pakistan, revenue generation through video game segment is projected to hit \$ 208.70 million mark in 2022.** By investing few millions, ~~each~~ countries like Pakistan can generate annual revenue of upto up to 400 million dollar, which will Pakistan economy and develop new employment platforms and also earn from that industry.

Just like e-gaming, robotics is also field of artificial intelligence, of cyber industry. Now a days world is shifting from manuality to

13
technology. Industry of robotics is not a cost consuming, it can be started at home, collage, and university level. It does not require expensive tools and highly equiped plants, and Pakistani students proved this by inventing different gadgets at their university. The National Centre of Robotics and Automation is a consortia of 11 labs over 13 universities of Pakistan. Motivation and determination for anything always leads to success, one day, this Robotics industry will transform into macro-industry will provide more employment as compared to today.

The shift from micro level industry to macro one might be slow, but one should not give up just a tortoise. Web-developing is a business, which do not require an official platform, it can be started anywhere. Their facilities can be easily availed by web-developer and at various institutes web-developing courses are offered by the government. After doing a short free-course offered by government unemployed one can start their business which leads to the decrease in unemployment.

According to Pakistan Bureau of Statistics, there are 40 institutions, all free web-developing courses and there are institutes like TEVTA all almost in all cities of Pakistan offer free courses for web-development skill. Always a small steps form a ladder to achieve the success.

In a nutshell, cyber age is a blessing. Cyberage is age of marvellous inventions and developments, people have contradictory views related to digitalization of world. Cyber age is frequently discussed in terms of employment and unemployment. Everything have cons and pro, but always one side is dominating and in terms of employment cyber age is beneficial.

**"What new technology does is
create new opportunities to do
a job that people want done"**
Tim O'Reilly