

# Developer community is excited about the possibilities of the future of AI Technology

Sovik Kumar Nath

Is artificial intelligence (AI) Technology exciting or worrying for the future? What does the developer community say?

This is an interesting question that was asked to the developer community in the 2018 Stack Overflow Annual Developer Survey. Further the survey asked what aspects of AI technology is exciting or worrying.

Analysis of the data from survey results revealed insights about what the developer community is thinking about the future of AI technology. Of the 98855 respondents, 73 % of the respondents are excited about the possibilities of the future of AI technology while 19% of the respondents are worried about the dangers of AI technology. 8% of the respondents don't care or haven't thought about AI Technology.

**Definitely the majority of the developer community is excited about the possibilities of future of AI technology.**

## Different dimensions of excitement or worry for the future of AI Technology

Interesting insights were observed when the data from the respondents was analyzed from different dimensions about excitement or worry for the future of AI Technology.

## Respondents Age vs AI Future

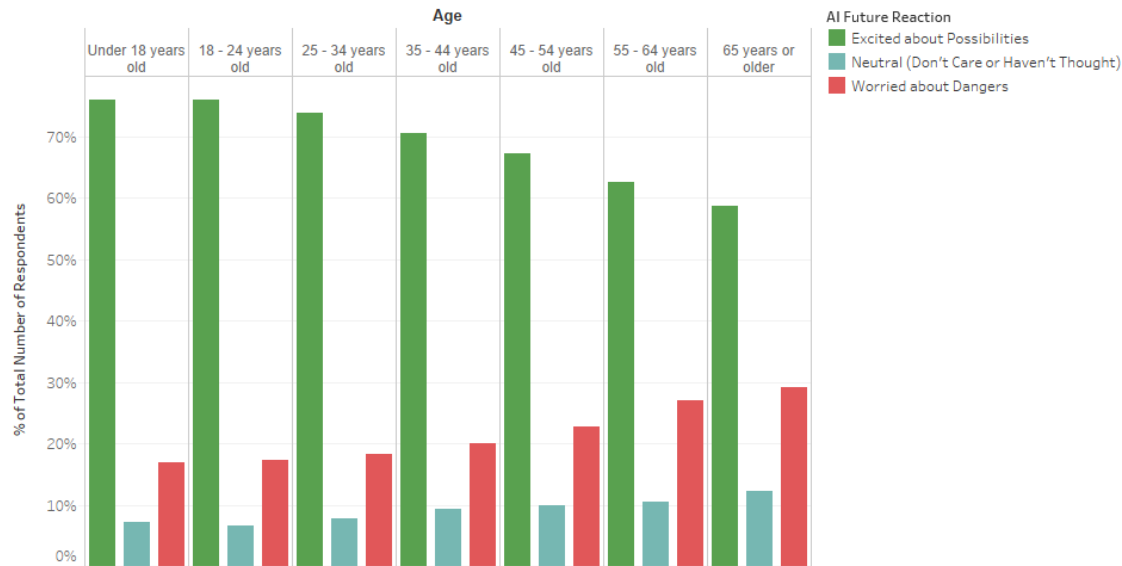


Figure.1 : Respondents Age vs AI Future

Variability among the age of the respondents was taken into consideration for the future of AI technology. As age of the respondents are increased, the percentage of respondents who are excited about the possibilities of AI decreased while percentage of respondents who are worried about the dangers of AI increased. **Millennials and Gen-Z are strongly excited about the possibilities of future of AI technology.**

## AI Future in Different Countries



Figure.2 : AI Future in Different Countries

With respect to country, **all the eight countries analyzed are excited about the possibilities of AI technology.** In terms of percentage of excited respondents, Brazil and China lead followed by United Kingdom, United States and Russian Federation.

### Future Professional Aspirations vs. AI Future

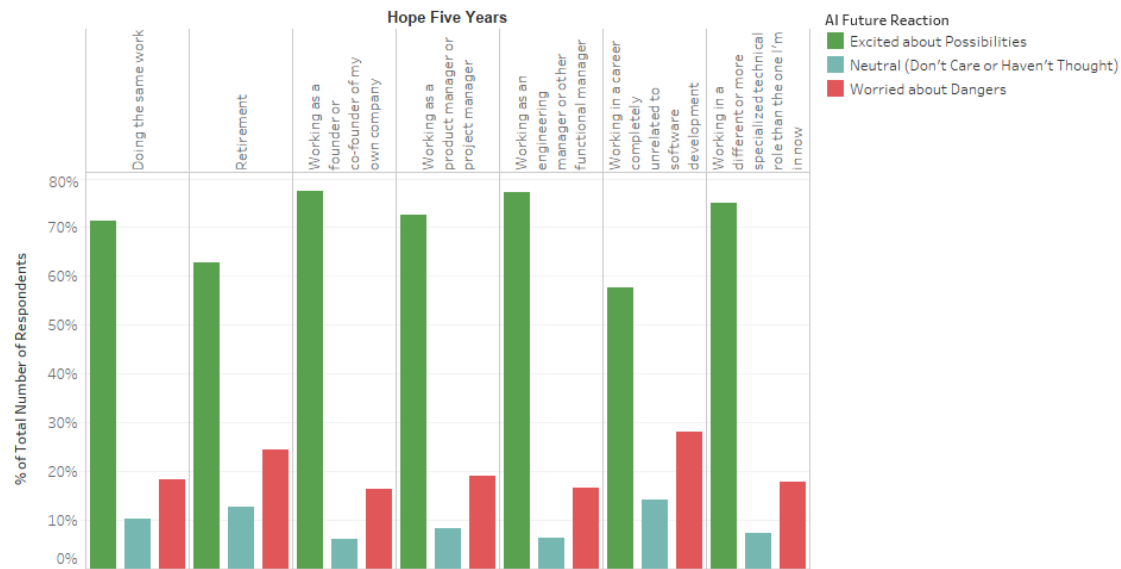


Figure.3 : Future Professional Aspirations vs. AI Future

Excitement or worry for future of AI technology was analyzed with respect to 5-year future aspirations of the developer community. Percentage of respondents who aspire to work as functional or engineering manager or who aspire to be founder or co-founder of own company is highest (more than 75%) for excitement about future of AI Technology. Percentage of respondents who would retire or aspire to work in career completely unrelated to software development is comparatively less (around 60%). **Future start-up owners and aspiring engineering managers are excited about the possibilities of future of AI technology.**

### Salary vs. Years of Coding for AI Future reaction Groups

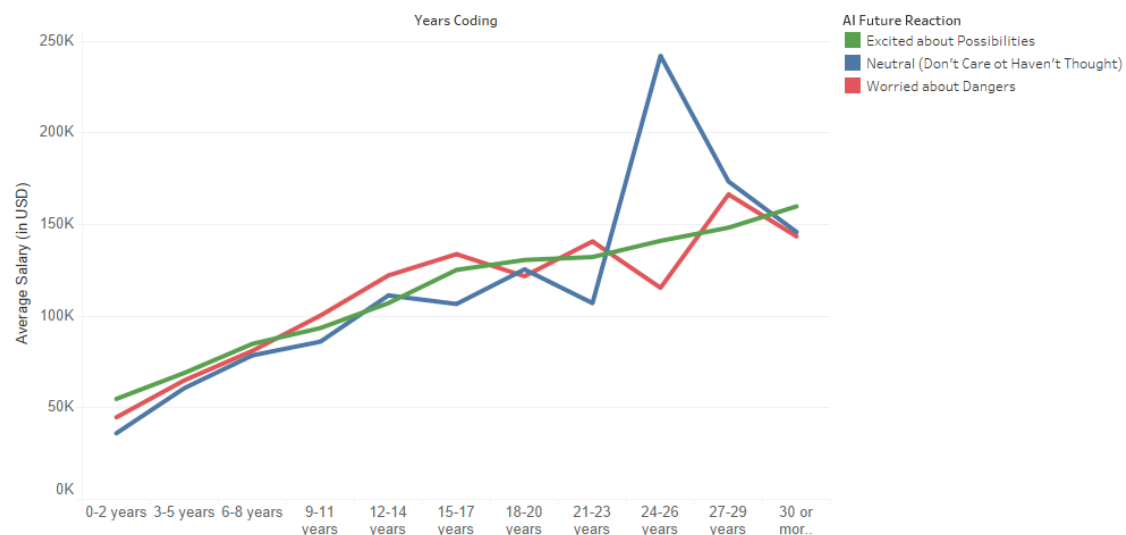
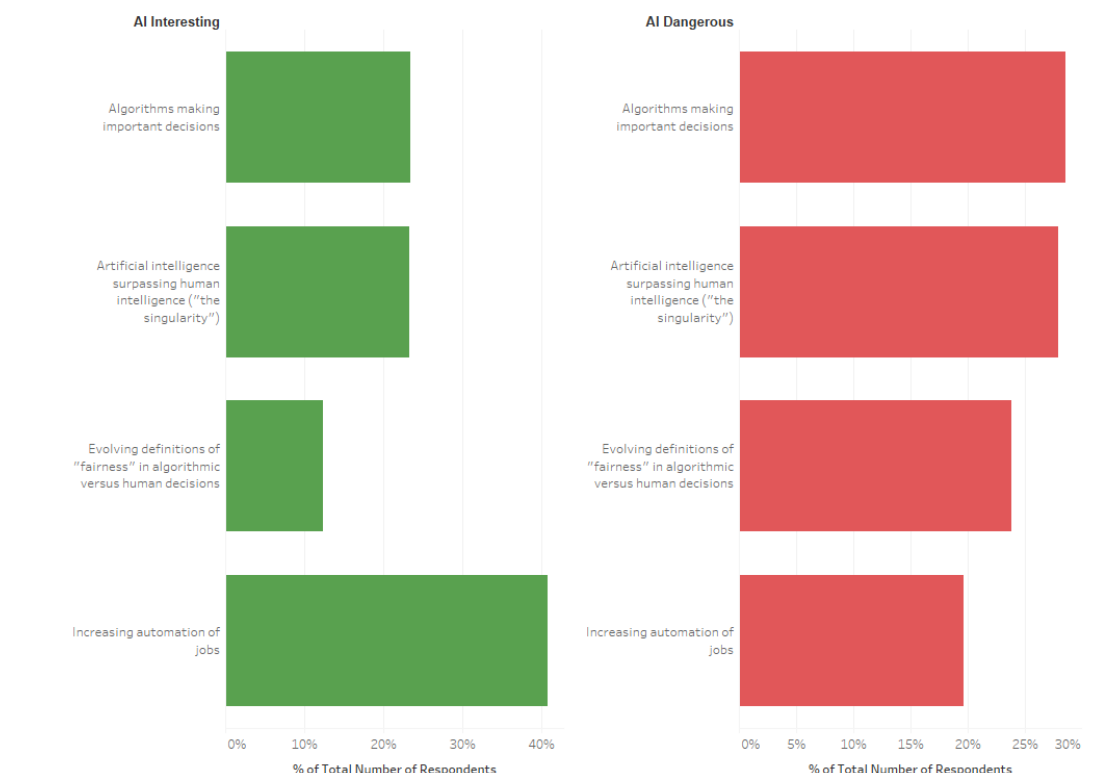


Figure.4 : Salary vs. Years of Coding for AI Future reaction Groups

When average salary of all the respondents globally was analyzed with respect to different categories of years of coding experience, respondents who are excited about the possibilities of future of AI technology draw comparatively more salary (6 out of 11 categories of years of coding). This is in comparison to than respondents who are worried about the dangers. An anomaly is 24-26 years' category where the neutral respondents who don't care or haven't thought of future of AI technology draws higher salary. **Respondents who are excited about the possibilities of future of AI technology are drawing higher salary for years of coding experience.**



*Figure.5 : Exciting or Dangerous Aspects of AI*

Insights were obtained about what aspects of AI technology is exiting or worrying. **Increasing automation of jobs appears to be most exciting aspect** of advanced AI technology (more than 40% of respondents). **Algorithms making important decisions and artificial intelligence surpassing human intelligence are the most worrying aspects** for advanced AI technology for majority (more than 25%) of the respondents.

## Conclusion

This is an interesting result about the future of advanced AI technology among the developer community. Currently there is lot of discussion going on about the future of advanced AI technology in different communities. The developer community is strongly excited about the possibilities of future of AI technology.