

PERCEPTIONS OF THE FUTURE

ARTIFICIAL INTELLIGENCE
SAMAST VARMA

**A BRANCH OF COMPUTER SCIENCE DEALING WITH THE
SIMULATION OF INTELLIGENT BEHAVIOR IN COMPUTERS
(MERRIAM-WEBSTER DICTIONARY)**

ARTIFICIAL INTELLIGENCE

CURRENT DAY

- * **PEOPLE STILL DO NOT UNDERSTAND THE CONTEXT OF AI IN OUR SOCIETY**
- * **“ARTIFICIAL INTELLIGENCE” IS COMMONLY REFERRED TO ROGUE MACHINES, AS PORTRAYED IN MEDIA**

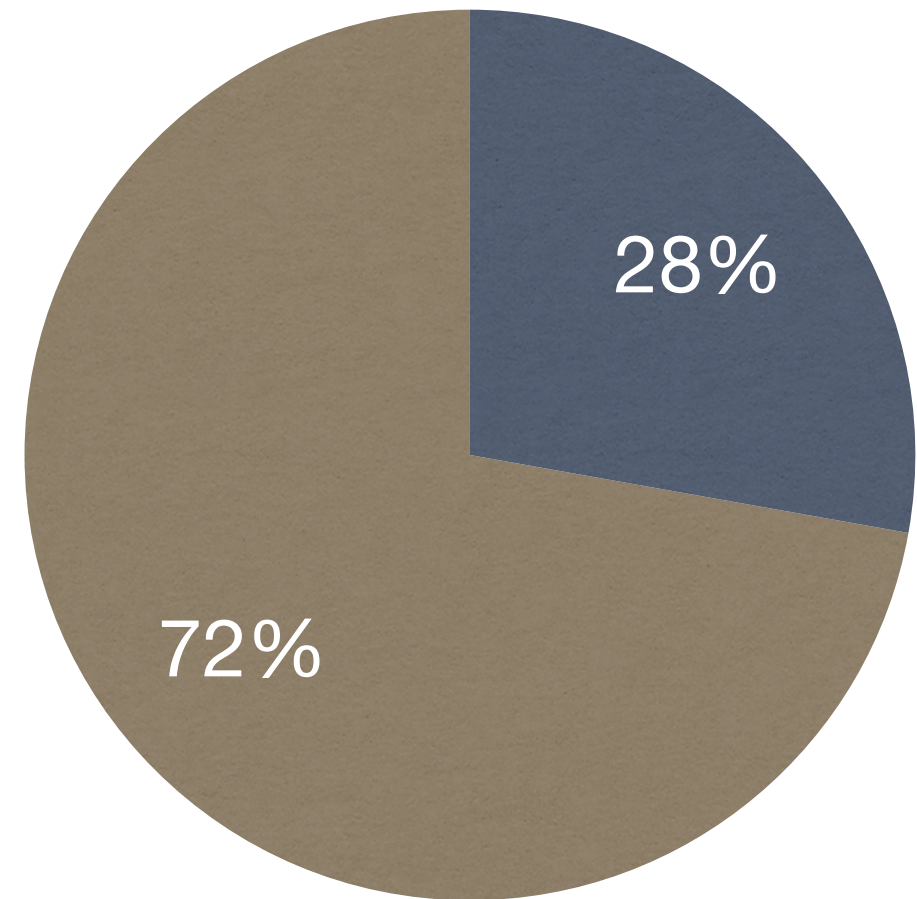
SO, WHAT?

- * **ARE PEOPLE ACTUALLY AFRAID OF ARTIFICIAL INTELLIGENCE?**
- * **I RAN A SURVEY AT THE UNIVERSITY OF MICHIGAN TO FIND OUT**

WILL ARTIFICIAL INTELLIGENCE EVER REPLACE HUMAN INTELLIGENCE?

YES

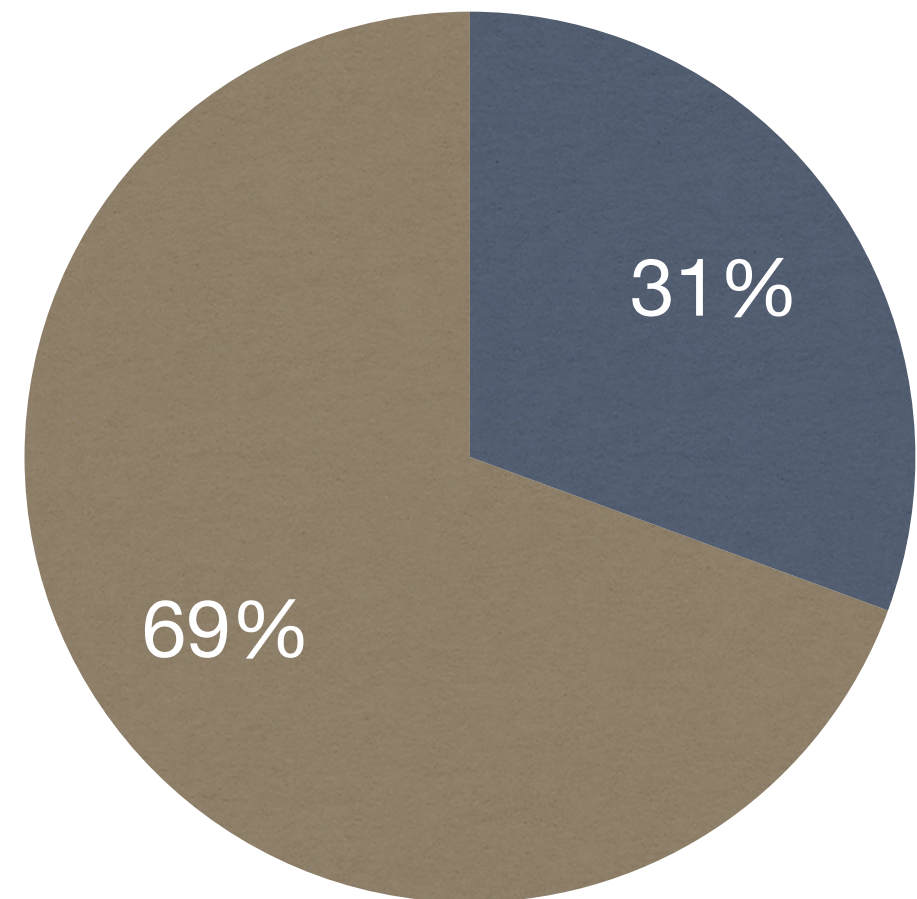
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ARE YOU AFRAID OF ARTIFICIAL INTELLIGENCE?

YES

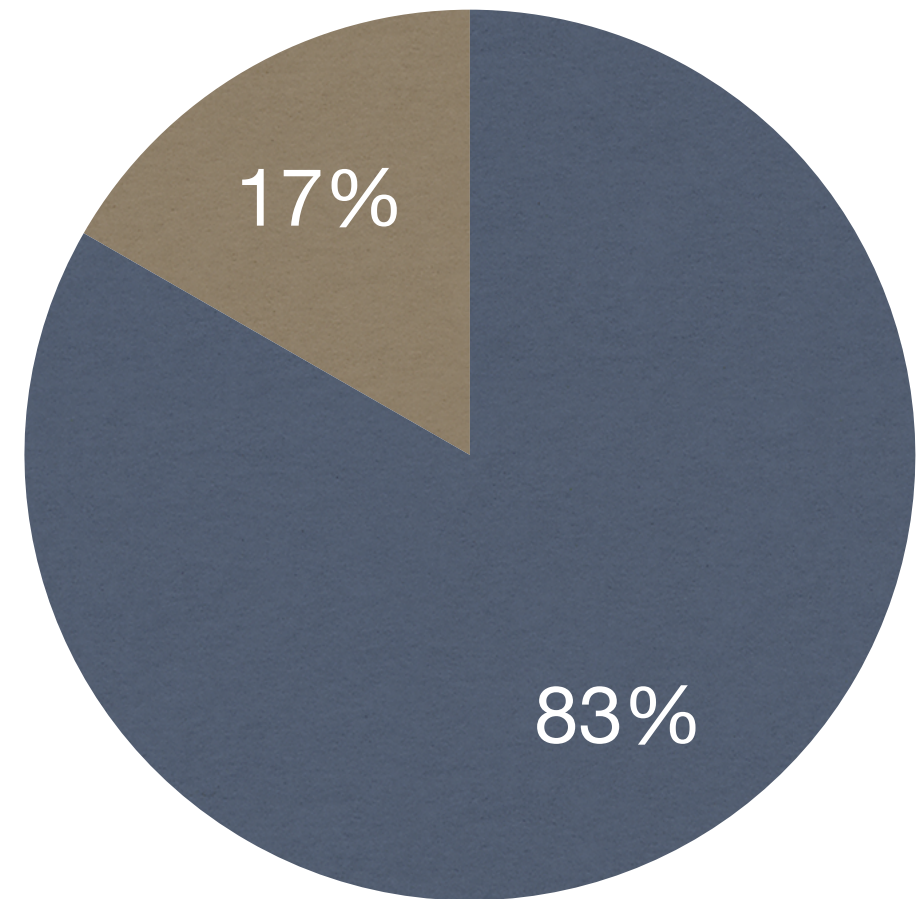
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IS ARTIFICIAL INTELLIGENCE BENEFICIAL FOR OUR FUTURE?

YES

NO



SURVEY ANALYSIS

- * MINORITY BELIEVES THE TECHNOLOGY'S POWER IS OUT OF OUR CONTROL**
- * OPINION TIES BACK TO THE NEGATIVE PORTRAYAL OF AI THROUGH MEDIA**
- * GENERAL PUBLIC IS NOT WELL-INFORMED ON THE ADVANCEMENT OF AI**

**FEAR TYPICALLY DRIVES MORE CLICKS THAN POSITIVITY,
[SO] IT'S NOT SURPRISING THAT MORE ARTICLES FOCUS
ON THE NEGATIVE ASPECTS OF AI RATHER THAN THE GOOD
THAT MANY PEOPLE PROCLAIM WILL COME FROM IT**

DOUGLAS ELDRIDGE

ARTIFICIAL GENERAL INTELLIGENCE (AGI)

- * **TYPICALLY PORTRAYED THROUGH MEDIA**
- * **“GENERAL INTELLIGENCE IS WHAT PEOPLE DO”
(KATE BAGGALEY)**
- * **ADAPTIVE AND ACCUMULATES KNOWLEDGE (KAREEM AYOUB AND KENNETH PAYNE)**
- * **CAN USE ITS INFORMATION MORE FLEXIBLY**
- * **DOMINATES PUBLIC IMAGE**

MODULAR ARTIFICIAL INTELLIGENCE

- * **NARROW EXPERTISE IN PARTICULAR DOMAIN (KAREEM AYOUB AND KENNETH PAYNE)**
- * **LEARN THROUGH PRACTICE TO IMPROVE PERFORMANCE**
- * **LEARNS AND BUILDS ON BASE CODE**
- * **UNDERLYING ARCHITECTURE NEVER CHANGED**

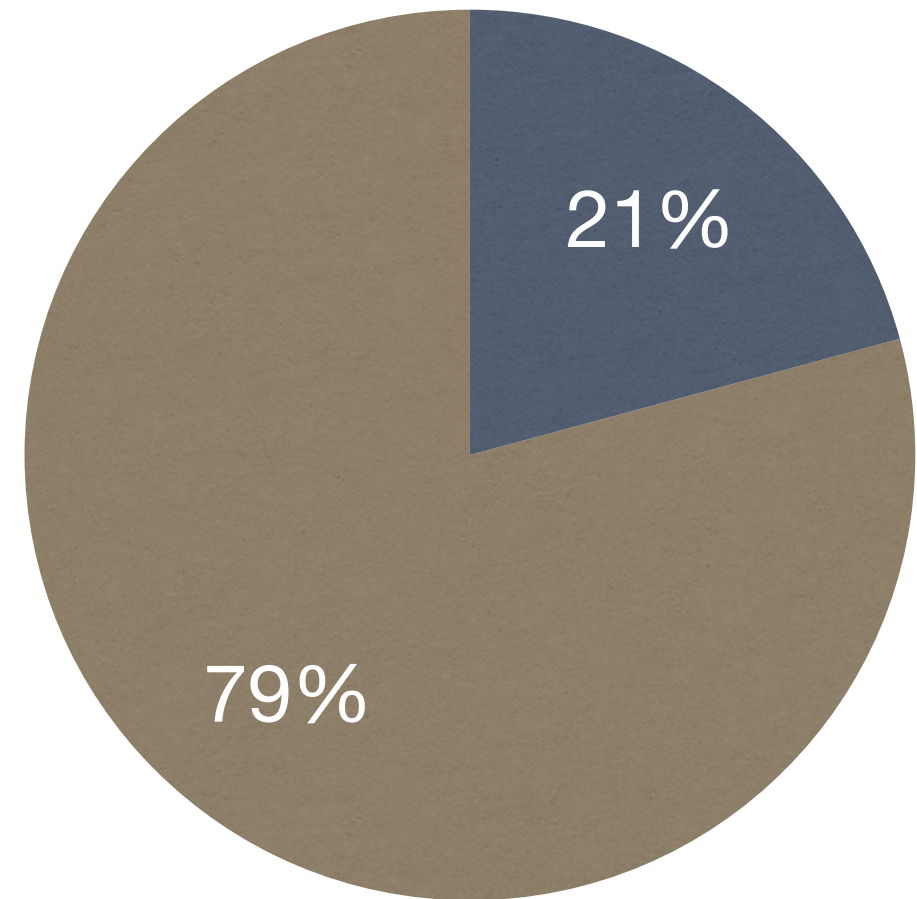
WELL, NOW WHAT?

- ✱ **NOW I WILL PROVIDE THE SURVEY RESPONDENTS WITH THIS DISTINCTION AND SEE IF THE RESULTS OF THE ORIGINAL SURVEY CHANGE**

WILL ARTIFICIAL INTELLIGENCE EVER REPLACE HUMAN INTELLIGENCE?

YES

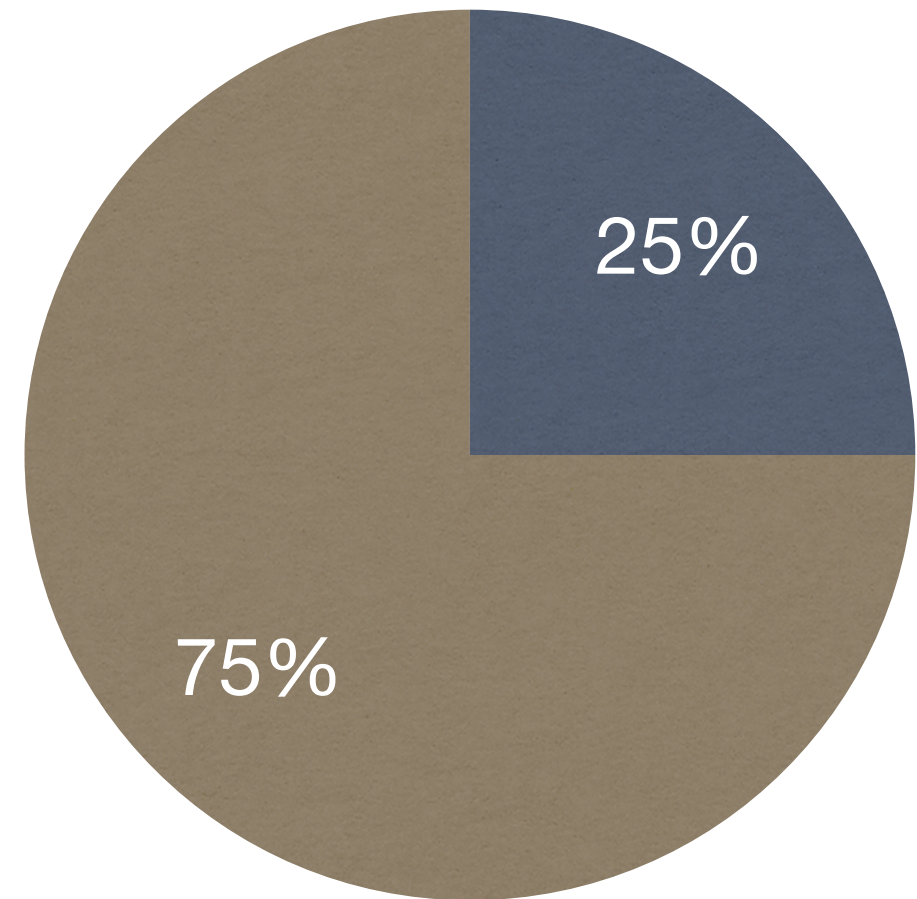
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ARE YOU AFRAID OF ARTIFICIAL INTELLIGENCE?

YES

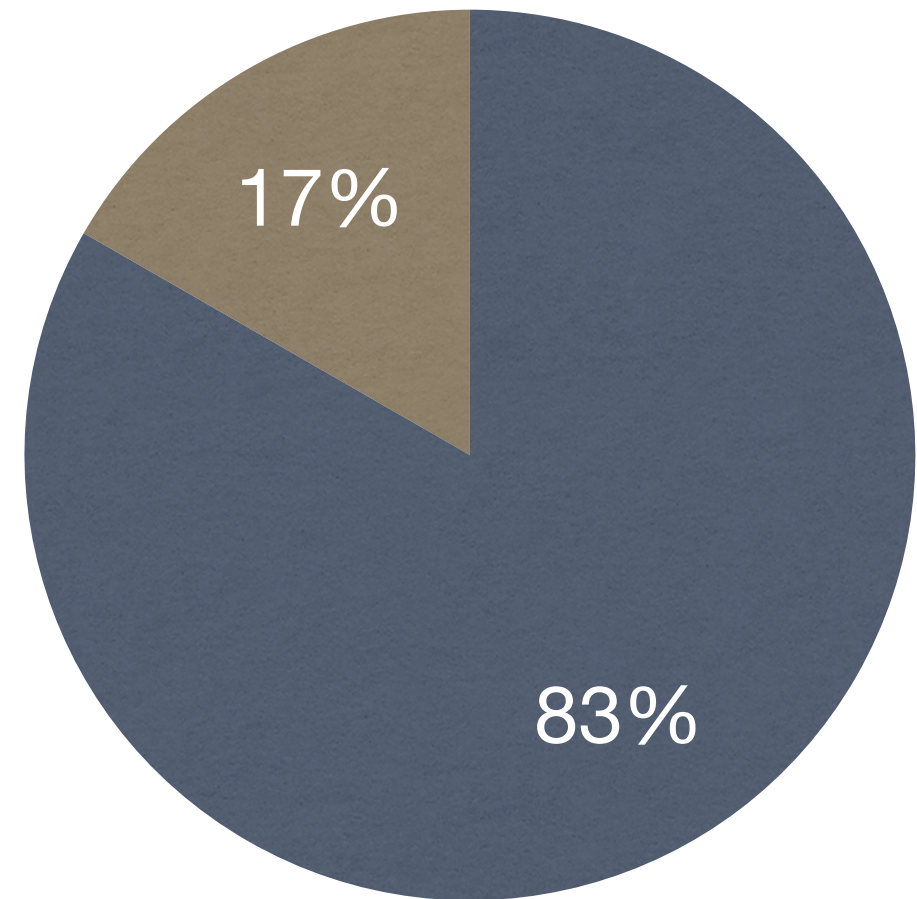
NO



IS ARTIFICIAL INTELLIGENCE BENEFICIAL FOR OUR FUTURE?

YES

NO



WHAT DOES THIS MEAN?

- * **EARLY PERCEPTIONS OF THE TECHNOLOGY ARE DERIVED FROM THE MEDIA OR OTHER MEDIUMS THAT USUALLY PORTRAY AI NEGATIVELY**
- * **AFTER RECEIVING MORE CONTEXT ABOUT THE TOPIC, THE RESPONDENTS' PERCEPTIONS OF THE AI IMPROVED**

TRUTH

- * **“OVER THE LAST 50 YEARS THE EVOLUTION HAS BEEN TOWARDS SPECIALIZATION,” AS SEEN IN VIRTUAL ASSISTANTS (KATE BAGGALEY)**
- * **MEANT TO SIMPLIFY USER’S LIFE**
- * **“THE KIND OF [AGI] THAT WOULD SIMULATE A PERSON IS A LONG WAYS OFF”**
- * **AI DOES NOT UNDERSTAND WHAT WE TELL THEM**
- * **RESPONSES ARE BASED ON TRAINING**

HOW ABOUT THE JOB MARKET?

- * **AI WILL SUPPLEMENT THE JOB MARKET**
- * **NEW JOBS SUCH AS TARGETED MARKETERS, AI RESEARCHERS, AND DATA SCIENCE MAJORS**
- * **AI WILL TAKE “AS MANY AS 47 PERCENT” OF PEOPLE’S JOBS IN THE NEXT DECADE, BUT “THESE JOBS WILL BE REPLACED WITH OTHERS” (DOUGLAS ELDRIDGE)**
- * **MIDDLE-SKILLED JOBS (DEALING WITH QUANTITATIVE DATA) WILL BE REPLACED (HAROLD STARK)**
- * **SKILLED WORKERS, SUCH AS SCIENTISTS AND ARTISTS, WILL NOT BE REPLACED**

WHERE IT GOES FROM HERE

- * **LARGE COMPANIES LIKE GOOGLE AND AMAZON ARE ALREADY CREATING MANY JOBS (DOUGLAS ELDRIDGE)**
- * **VOID OF RESEARCH IN THE FIELD OF AGI IS GOING TO BE FILLED AS THE RESEARCH INTO MODULAR AI BEGINS TO SLOW DOWN AND AS OBSTACLES START APPEARING WITH THE LIMIT OF WHAT IT CAN DO**

WHERE IT GOES FROM HERE

- * **ARTIFICIAL INTELLIGENCE WILL CHANGE OUR DAILY LIFESTYLE AND SOCIETY AS WE KNOW IT, FOR THE BETTER**
- * **WILL INCREASE EFFICIENCY OF MANY TASKS AND MAKE HUMANS MORE PRODUCTIVE, JUST TO NAME A FEW BENEFITS**

ARTIFICIAL INTELLIGENCE IS THE FUTURE.