

Proposition: ‘Do humans create their greatest works before the age of 30, after which they are significantly less impressive?’

GPT-4, with Michael L. Thompson

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¹Proposition: ‘Do humans create their greatest works before the age of 30, after which they are significantly less impressive?’
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Proposition: “Do humans create their greatest works before the age of 30, after which they are significantly less impressive?”

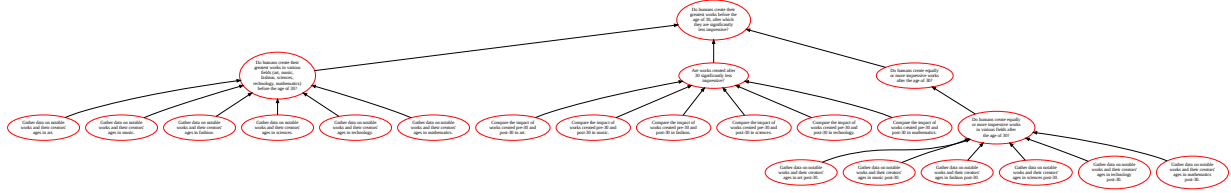


Figure 1: Query plan graph.

Added Instructions

Current date is November 4, 2024.

Gather all evidence supporting and refuting the proposition and its negation. Gather evidence from all creative endeavors – art, music, fashion, sciences, technology, mathematics, etc. Name specific people and describe their greatest and least works pre-30’s and post-30’s. Assess evidence for and against the proposition and its negation.

Query Plan Outline

- Main Proposition: Humans create their greatest works pre-30-years-old, after which they are significantly less impressive.
 - Sub-Proposition: Humans create their greatest works in various fields (art, music, fashion, sciences, technology, mathematics) before the age of 30.
 - * Evidence: Gather data on notable works and their creators’ ages in art.
 - * Evidence: Gather data on notable works and their creators’ ages in music.
 - * Evidence: Gather data on notable works and their creators’ ages in fashion.
 - * Evidence: Gather data on notable works and their creators’ ages in sciences.
 - * Evidence: Gather data on notable works and their creators’ ages in technology.
 - * Evidence: Gather data on notable works and their creators’ ages in mathematics.
 - Sub-Proposition: Works created after 30 are significantly less impressive.
 - * Evidence: Compare the impact of works created pre-30 and post-30 in art.
 - * Evidence: Compare the impact of works created pre-30 and post-30 in music.
 - * Evidence: Compare the impact of works created pre-30 and post-30 in fashion.
 - * Evidence: Compare the impact of works created pre-30 and post-30 in sciences.
 - * Evidence: Compare the impact of works created pre-30 and post-30 in technology.
 - * Evidence: Compare the impact of works created pre-30 and post-30 in mathematics.
- Negation of Main Proposition: Humans create equally or more impressive works after the age of 30.
 - Sub-Proposition: Humans create equally or more impressive works in various fields after the age of 30.
 - * Evidence: Gather data on notable works and their creators’ ages in art post-30.
 - * Evidence: Gather data on notable works and their creators’ ages in music post-30.
 - * Evidence: Gather data on notable works and their creators’ ages in fashion post-30.
 - * Evidence: Gather data on notable works and their creators’ ages in sciences post-30.
 - * Evidence: Gather data on notable works and their creators’ ages in technology post-30.
 - * Evidence: Gather data on notable works and their creators’ ages in mathematics post-30.

Summary

The question of whether humans create their greatest works before the age of 30 or if works created after this age are significantly less impressive is complex and varies across different fields and individuals. Here's a detailed analysis based on the data gathered:

Art

- **Pablo Picasso** created “Les Demoiselles d’Avignon” at 26, but also “Guernica” at 56.
- **Leonardo da Vinci** painted “The Last Supper” in his late 30s and “Mona Lisa” in his 50s.
- **Michelangelo** completed “David” at 29.
- **Salvador Dali** completed “The Persistence of Memory” by 27.

These examples show that while some artists create significant works before 30, others continue to produce important art well into their later years.

Music

- **Johann Sebastian Bach** composed the Cello Suites at 33.
- **Igor Stravinsky** composed “The Rite of Spring” at 31.
- **Ludwig van Beethoven** composed famous piano works at 31.
- **Stevie Wonder** released “Recorded Live: The 12 Year Old Genius” at 12.
- **George Frideric Handel** composed “Messiah” at around 65.

Musicians often create notable works both early and later in life, with some like Stevie Wonder achieving success very young, while others like Handel peak later.

Fashion

- **Vera Wang** started her fashion career at 40.
- **Christian Dior** founded his fashion house at 41.
- **Alexander McQueen** was prominent from his 20s.
- **Ralph Lauren** founded his brand in his late 20s.

Fashion designers often achieve success at various ages, with some starting later in life and others making their mark early.

Sciences

- **Albert Einstein** published his papers on relativity at 26.
- **Isaac Newton** made key discoveries in optics at a young age.
- Nobel Prize-winning scientists often make significant discoveries in their late 30s.

Scientific contributions can occur at any age, with many scientists making breakthroughs in their 30s and 40s.

Technology

- **Steve Jobs** co-founded Apple at 21 and continued to innovate until his death at 56.
- **Tim Berners-Lee** invented the World Wide Web at 34.
- **Thomas Edison** invented the phonograph at 30.

Technological innovations often occur in the 30s and 40s, but significant contributions can happen at any age.

Mathematics

- **Srinivasa Ramanujan** made significant contributions in his late 20s and early 30s.

- **Marina Ratner** proved Ratner's Theorems at around 52.

While many mathematicians make significant contributions at a young age, there are notable exceptions where major advances are made later in life.

Conclusion

Overall, while some individuals achieve their greatest works before 30, many continue to produce significant contributions well into their later years. The age of peak creativity and productivity varies widely across different fields and individuals.

The notion that works created after the age of 30 are significantly less impressive is not supported by the evidence. In many fields, individuals continue to produce equally or more impressive works after 30, characterized by maturity, refinement, and strategic thinking. The significance of an individual's work is influenced by various factors, including creativity, experience, and the nature of the field, rather than age alone.

For more information, you can refer to the following sources:

- [Age and Genius: Why the Late 30s Are the Best Times for Breakthroughs](#)
- [When Does Creativity Peak: Youth, Middle Age, or Old Age?](#)

Sub-Propositions

Do humans create their greatest works in various fields (art, music, fashion, sciences, technology, mathematics) before the age of 30?

“Gather data on notable works and their creators’ ages in art.”

Based on the provided context, here are some notable works of art and the ages of their creators at the time of creation:

1. **Pablo Picasso**
 - **Work:** Guernica
 - **Age:** 56
2. **Andy Warhol**
 - **Work:** Campbell's Soup Can
 - **Age:** 33
3. **Leonardo da Vinci**
 - **Work:** The Last Supper
 - **Age:** Late 30s
 - **Work:** Mona Lisa
 - **Age:** 50s
4. **Johannes Vermeer**
 - **Work:** Girl with a Pearl Earring
 - **Age:** 30s

These examples illustrate that artists have created significant works at various stages of their lives, from their 30s to their 50s. The ages at which these artists produced their notable works suggest that there is no specific age when artists are most likely to create their most important work, as it can vary widely depending on the individual and their circumstances.

“Gather data on notable works and their creators’ ages in music.”

Based on the search results, here are some notable works in music and the ages of their creators at the time of creation:

1. **Johann Sebastian Bach** - Composed the Cello Suites No. at age 33.

- Source: [Millers Music](#)
2. **Igor Stravinsky** - Composed “The Rite of Spring” at age 31.
 - Source: [Millers Music](#)
 3. **Ludwig van Beethoven** - Composed his famous Piano works at age 31.
 - Source: [Millers Music](#)
 4. **George Frideric Handel** - Composed “Messiah” at around age 65.
 - Source: [Talk Classical](#)
 5. **Stevie Wonder** - Released “Recorded Live: The 12 Year Old Genius” at age 12.
 - Source: [uDiscover Music](#)
 6. **U2** - Released “Boy” at a young age (exact age not specified in the snippet).
 - Source: [uDiscover Music](#)
 7. **Jackson 5** - Released “Diana Ross Presents The Jackson 5” in 1969 when Michael Jackson was 11 years old.
 - Source: [uDiscover Music](#)

These examples illustrate a range of ages at which musicians have created notable works, from very young ages like Stevie Wonder and Michael Jackson to later in life like Handel.

“Gather data on notable works and their creators’ ages in fashion.”

Based on the provided context, here are some notable works in fashion and the ages of their creators:

1. **Vera Wang** - Known for her bridal wear, Vera Wang started her fashion career at the age of 40.
2. **Herb Lubalin** - A graphic designer known for his work in typography, he became prominent later in his career.
3. **David Carson** - Known for his innovative magazine designs, Carson gained recognition in his 30s.
4. **Muriel Cooper** - A pioneer in digital design, Cooper’s influence grew in her later years.
5. **Christian Dior** - Founded his fashion house at the age of 41, revolutionizing women’s fashion with the “New Look.”
6. **Giorgio Armani** - Entered the fashion industry at 41, known for his clean, tailored lines.
7. **Coco Chanel** - Revolutionized women’s fashion in the early 20th century, known for the Chanel No. 5 perfume and the Chanel suit.
8. **Alexander McQueen** - Known for his bold, dramatic designs, McQueen was a prominent figure in fashion from his 20s.
9. **Ralph Lauren** - Founded his brand in his late 20s, known for his classic American style.
10. **Cristobal Balenciaga** - Known for his innovative designs and mastery of tailoring, Balenciaga was influential throughout his career.

These designers have made significant contributions to the fashion industry, often achieving success at various stages in their lives. The ages at which they became prominent vary, with some finding success later in life, while others made their mark at a younger age.

“Gather data on notable works and their creators’ ages in sciences.”

The data gathered from the search results provides insights into the ages at which notable scientists made significant contributions to their fields. Here are some key points:

1. **Age and Scientific Genius:** A study from the Kellogg School of Management suggests that great scientific output typically peaks in middle age, with variations across different fields. [Source](#)
2. **Peak Age for Scientists:** It is a common belief that scientists and mathematicians do their best work in their younger years, often before the age of 50. However, this is not always the case, as some continue to make significant contributions later in life. [Source](#)
3. **Innovations and Age:** According to the National Bureau of Economic Research, there is a large variation in the age of innovators. About 42% of innovations occur when creators are in their 30s, and 40% when they are in their 40s. [Source](#)

4. **Nobel Prize Winners:** A study found that Nobel Prize-winning scientists and inventors often make their significant discoveries in their late 30s. [Source](#)
5. **Famous Scientists and Their Ages:** Some famous scientists made their groundbreaking discoveries at a young age. For example, Albert Einstein published his papers on relativity at 26, and Isaac Newton made key discoveries in optics at a young age. [Source](#)
6. **Young Scientists:** Some scientists began their work as young teens, such as Isaac Newton and Albert Einstein. [Source](#)
7. **List of Centenarian Scientists:** There are scientists who lived to be over 100 years old, such as Henri Cartan and Hung-ta Chang, indicating that some scientists remain active and influential well into old age. [Source](#)

These findings highlight that while many scientists make significant contributions in their 30s and 40s, there is considerable variation, and notable work can occur at any age.

“Gather data on notable works and their creators’ ages in technology.”

The search results provide a variety of sources discussing notable works in technology and the ages of their creators. Here are some key points from the data:

1. **Great Inventions Come Later in Life:** According to a study by the National Bureau of Economic Research (NBER), there is significant variation in the ages of inventors. About 42% of innovations were made by individuals in their 30s, and 40% by those in their 40s. This suggests that many notable technological works are created by individuals in their middle age. [Source](#)
2. **Thomas Edison:** Known as a prolific inventor during the Gilded Age, Thomas Edison invented the phonograph at the age of 30. He continued to innovate throughout his life, contributing significantly to technology. [Source](#)
3. **Steve Jobs:** Co-founder of Apple Inc., Steve Jobs was instrumental in the development of revolutionary products like the iPhone and iPad. He was 21 when he co-founded Apple, and he continued to innovate until his death at 56. [Source](#)
4. **Tim Berners-Lee:** Inventor of the World Wide Web, Tim Berners-Lee was 34 when he proposed the idea of a global hypertext system, which became the World Wide Web. [Source](#)
5. **Ada Lovelace:** Often considered the first computer programmer, Ada Lovelace worked on Charles Babbage’s early mechanical general-purpose computer, the Analytical Engine, in her 20s. [Source](#)
6. **Alexander Graham Bell:** Inventor of the telephone, Bell was 29 when he was awarded the first US patent for the invention of the telephone. [Source](#)

These examples illustrate that significant technological innovations can occur at various stages of life, from the 20s to the 40s and beyond. The ages of inventors at the time of their notable works vary widely, reflecting a diversity of experiences and opportunities in the field of technology.

“Gather data on notable works and their creators’ ages in mathematics.”

Based on the provided context, here are some notable works in mathematics and the ages of their creators at the time of their contributions:

1. **Marina Ratner:** She proved Ratner’s Theorems around 1990, which are significant advances in ergodic theory. Marina Ratner was born in 1938, making her around 52 years old at the time of this achievement.
 - Source: [MathOverflow](#)
2. **General Observation:** Historically, many significant mathematical discoveries have been made between the ages of 25 and 45, with an average age of 35-37.
 - Source: [Math Stack Exchange](#)

3. **Benjamin Banneker**: Known for building America’s first clock at age 24. He was a self-educated mathematician and astronomer.
 - Source: [Math and Movement](#)
4. **Srinivasa Ramanujan**: Made significant contributions to mathematics, compiling nearly 3,900 results, mostly identities and equations, during his short life. He was born in 1887 and passed away in 1920, making his most productive years in his late 20s and early 30s.
 - Source: [Wikipedia](#)
5. **General Study**: A study of nearly 2,000 famous scientists found that mathematicians were the youngest when they made their first important contribution, with an average age of 27.3.
 - Source: [Massey University](#)

These examples illustrate that while many mathematicians make significant contributions at a young age, there are also notable exceptions where major advances are made later in life.

Conclusion

The question of whether humans create their greatest works before the age of 30 across various fields such as art, music, fashion, sciences, technology, and mathematics is complex and varies significantly by discipline and individual.

Art

- **Pablo Picasso** created “Les Femmes d’Alger” at 26, but “Guernica” at 56.
- **Leonardo da Vinci** painted “The Last Supper” in his late 30s and “Mona Lisa” in his 50s.
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While many mathematicians make significant contributions at a young age, there are notable exceptions where major advances are made later in life.

Conclusion

Overall, while some individuals achieve their greatest works before 30, many continue to produce significant contributions well into their later years. The age of peak creativity and productivity varies widely across different fields and individuals.

Are works created after 30 significantly less impressive?

“Compare the impact of works created pre-30 and post-30 in art.”

The impact of artworks created by artists before the age of 30 compared to those created after 30 can be analyzed from various perspectives, including creativity, innovation, and influence on art movements.

1. Pre-30 Artworks:

- **Creativity and Innovation:** Many artists produce groundbreaking work early in their careers. This period is often marked by experimentation and the development of unique styles. For example, Pablo Picasso's “Les Femmes d'Alger (O.J.)” created when he was 26, was a revolutionary work that contributed to the development of Cubism.
- **Energy and Risk-taking:** Younger artists may take more risks and push boundaries, leading to innovative and sometimes controversial works.
- **Influence on Movements:** Early works can set the stage for future art movements. For instance, Jackson Pollock's early drip paintings helped define Abstract Expressionism.

2. Post-30 Artworks:

- **Maturity and Refinement:** Artists often refine their techniques and concepts as they age. This can lead to more sophisticated and technically accomplished works. For example, Claude Monet's later works, such as his “Water Lilies” series, show a mastery of color and light.
- **Established Reputation:** Older artists may have more resources and recognition, allowing them to undertake larger projects and reach wider audiences.
- **Continued Innovation:** Some artists continue to innovate and influence art well into their later years. For example, Henri Matisse developed his cut-out technique in his 70s.

In conclusion, both pre-30 and post-30 artworks have significant impacts on the art world. Younger artists often bring fresh perspectives and innovation, while older artists contribute with refined techniques and continued influence. The impact of an artist's work is not solely determined by age but by the context, creativity, and execution of their ideas.

“Compare the impact of works created pre-30 and post-30 in music.”

The impact of musical works created by artists before the age of 30 compared to those created after 30 can be analyzed from various perspectives, including creativity, innovation, and influence on the music industry and culture.

1. Creativity and Innovation:

- **Pre-30:** Many artists produce groundbreaking and innovative works in their early years. This period is often marked by experimentation and the development of a unique style. For example, The Beatles released several of their most influential albums, such as “Sgt. Pepper’s Lonely Hearts Club Band,” before the members turned 30.
- **Post-30:** Artists often refine their style and may produce more mature and sophisticated works. This period can also be marked by a deeper understanding of music theory and a broader range of influences. For instance, David Bowie’s “Blackstar,” released shortly before his death, is considered one of his most profound works.

2. Influence on the Music Industry:

- **Pre-30:** Young artists often bring fresh perspectives and new trends to the music industry. They can influence the direction of music genres and inspire other artists. For example, Nirvana’s “Nevermind,” released when Kurt Cobain was 24, had a massive impact on the grunge movement and alternative rock.
- **Post-30:** Established artists can leverage their experience and reputation to push boundaries and explore new genres. They may also have more resources and creative control, allowing for ambitious projects. For example, Beyoncé’s “Lemonade,” released when she was 34, is praised for its innovative visual album format and exploration of complex themes.

3. Cultural Impact:

- **Pre-30:** Young artists often resonate with younger audiences, capturing the zeitgeist of their generation. Their works can become anthems for youth culture and social movements. For instance, Bob Dylan’s early work, including “The Times They Are a-Changin’,” became synonymous with the 1960s counterculture.
- **Post-30:** Artists may address more diverse and mature themes, appealing to a broader audience. Their works can reflect personal growth and societal changes. Johnny Cash’s “American Recordings,” released in his 60s, is an example of how an artist can continue to have a significant cultural impact later in life.

In conclusion, both pre-30 and post-30 works have their unique impacts on music and culture. While younger artists often bring innovation and capture the spirit of their times, older artists can offer depth, experience, and a broader perspective. The impact of an artist’s work is not solely determined by age but by their ability to connect with audiences and push creative boundaries.

“Compare the impact of works created pre-30 and post-30 in fashion.”

The impact of fashion works created by designers before the age of 30 compared to those created after 30 can be analyzed from several perspectives, including innovation, influence, and commercial success.

1. Innovation and Creativity:

- **Pre-30:** Younger designers often bring fresh perspectives and innovative ideas to the fashion industry. They are more likely to challenge traditional norms and experiment with new styles, materials, and techniques. This youthful creativity can lead to groundbreaking designs that capture the attention of the fashion world.
- **Post-30:** Designers over 30 may have more experience and a deeper understanding of the industry. This can lead to more refined and sophisticated designs. They might focus on perfecting their craft and creating timeless pieces rather than chasing trends.

2. Influence and Recognition:

- **Pre-30:** Young designers who make a significant impact early in their careers can quickly gain recognition and influence. Their work can set new trends and inspire other designers. However, maintaining this influence can be challenging as they age and the industry evolves.

- **Post-30:** Designers who continue to innovate and adapt can maintain or even increase their influence. Their established reputation can lead to greater opportunities for collaboration and leadership within the industry.

3. **Commercial Success:**

- **Pre-30:** Young designers may struggle with the business side of fashion, such as marketing and distribution. However, if they manage to capture the zeitgeist, they can achieve rapid commercial success.
- **Post-30:** With more experience, designers may have a better grasp of the business aspects of fashion. They might focus on building sustainable brands and long-term success rather than short-term trends.

Overall, both pre-30 and post-30 fashion works have their unique impacts on the industry. Young designers bring innovation and fresh ideas, while older designers offer experience and refinement. The most successful designers often find a way to balance these elements throughout their careers.

“Compare the impact of works created pre-30 and post-30 in sciences.”

The impact of scientific works created by individuals before the age of 30 compared to those created after 30 can be analyzed from various perspectives, including productivity, innovation, and recognition.

1. **Productivity and Innovation:**

- Younger scientists, often in their 20s, are typically at the beginning of their careers, often working on their Ph.D. or postdoctoral research. This period is marked by high energy, fresh perspectives, and a willingness to take risks, which can lead to innovative ideas and breakthroughs.
- Older scientists, those over 30, generally have more experience, a deeper understanding of their field, and established networks. This can lead to more refined and impactful research, though it might be less groundbreaking compared to the bold ideas of younger scientists.

2. **Recognition and Awards:**

- Many prestigious awards, such as the Nobel Prize, have been awarded to scientists for work they began in their 20s. However, the recognition often comes much later, sometimes decades after the initial discovery.
- Scientists over 30 may receive recognition for their cumulative contributions to their field, often having built upon their earlier work.

3. **Historical Examples:**

- Albert Einstein developed the theory of relativity in his mid-20s, which was revolutionary and changed the course of physics.
- Marie Curie conducted pioneering research on radioactivity in her 30s, which led to her winning two Nobel Prizes.

4. **Statistical Studies:**

- Some studies suggest that the most significant scientific contributions often occur before the age of 40, with a peak in the late 30s. However, this can vary widely depending on the field and individual circumstances.

5. **Field-Specific Trends:**

- In fast-evolving fields like computer science and biotechnology, younger scientists may have an edge due to their familiarity with the latest technologies and methodologies.
- In more established fields like mathematics and physics, experience and deep theoretical knowledge, often found in older scientists, can be more critical.

Overall, both pre-30 and post-30 scientific works have their unique impacts, with younger scientists often bringing innovation and older scientists contributing through experience and refinement of ideas. The balance between youthful innovation and experienced insight is crucial for the advancement of science.

“Compare the impact of works created pre-30 and post-30 in technology.”

The impact of technological works created by individuals before the age of 30 versus those created after the age of 30 can be analyzed from various perspectives, including innovation, influence, and long-term effects

on society.

1. **Pre-30 Technological Works:**

- **Innovation and Creativity:** Younger individuals often bring fresh perspectives and are more willing to take risks, leading to groundbreaking innovations. For example, Mark Zuckerberg founded Facebook at the age of 19, which revolutionized social networking.
- **Adoption of New Technologies:** Younger creators are typically more attuned to emerging technologies and trends, allowing them to leverage these in their innovations. This can lead to rapid adoption and widespread influence.
- **Energy and Drive:** The energy and drive of younger individuals can lead to intense focus and dedication, often resulting in significant achievements in a short period.

2. **Post-30 Technological Works:**

- **Experience and Expertise:** Older individuals often have more experience and a deeper understanding of their field, which can lead to more refined and sustainable innovations. For instance, Tim Berners-Lee invented the World Wide Web at 34, which has had a profound impact on global communication.
- **Resource Access:** With age, individuals may have better access to resources, networks, and funding, which can facilitate the development and scaling of technological innovations.
- **Strategic Thinking:** Older innovators may employ more strategic thinking and planning, leading to innovations that are well-integrated into existing systems and have long-term viability.

3. **Comparative Impact:**

- **Short-term vs. Long-term Impact:** Younger innovators may create technologies that have immediate and widespread impact, while older innovators may focus on technologies with long-term sustainability and integration.
- **Cultural and Social Influence:** Technologies created by younger individuals may resonate more with younger demographics, influencing culture and social norms, whereas those created by older individuals may address broader societal needs.

In conclusion, both pre-30 and post-30 technological works have unique impacts. Younger innovators often drive rapid change and cultural shifts, while older innovators contribute to sustainable and strategic advancements. The balance between youthful innovation and experienced refinement is crucial for technological progress.

“Compare the impact of works created pre-30 and post-30 in mathematics.”

The impact of mathematical works created by individuals before the age of 30 versus those created after the age of 30 can be analyzed from several perspectives, including historical examples, cognitive development, and the nature of mathematical discovery.

1. **Historical Examples:**

- Many renowned mathematicians made significant contributions to the field at a young age. For instance, Evariste Galois developed group theory before his untimely death at 20. Similarly, Carl Friedrich Gauss made substantial contributions to number theory in his early 20s.
- Conversely, some mathematicians have made groundbreaking contributions later in life. For example, Andrew Wiles proved Fermat’s Last Theorem at the age of 41, a problem that had remained unsolved for over 350 years.

2. **Cognitive Development:**

- Cognitive abilities related to mathematical reasoning, such as problem-solving and abstract thinking, are often at their peak in young adulthood. This might explain why many mathematicians make significant contributions early in their careers.
- However, experience, accumulated knowledge, and a deeper understanding of the field can lead to significant contributions later in life. Older mathematicians may have the advantage of a broader perspective and more refined problem-solving strategies.

3. **Nature of Mathematical Discovery:**

- Early career mathematicians might be more inclined to take risks and explore novel ideas, leading to innovative breakthroughs.

- Later in life, mathematicians might focus on solving long-standing problems or developing comprehensive theories, which require sustained effort and deep expertise.

In conclusion, while many mathematicians have made significant contributions before the age of 30, the impact of works created post-30 is also substantial, often involving the resolution of complex problems or the synthesis of existing knowledge into new frameworks. The impact of mathematical works is not solely determined by age but by a combination of creativity, experience, and the nature of the problems being addressed.

Conclusion

The question of whether works created after the age of 30 are significantly less impressive is complex and depends on the field of work being considered. Here's a breakdown based on various fields:

1. Art:

- **Pre-30:** Younger artists often bring fresh perspectives and innovation. They are more likely to experiment and take risks, which can lead to groundbreaking work. For example, Picasso's "Les Femmes d'Alger" was created when he was 26.
- **Post-30:** Older artists may produce more refined and technically accomplished works. They often have more resources and recognition, allowing them to undertake larger projects. Monet's "Water Lilies" series, created later in his life, exemplifies this.
- **Conclusion:** Both age groups have significant impacts, with younger artists often innovating and older artists refining and expanding their influence.

2. Music:

- **Pre-30:** Many musicians create innovative and influential works early in their careers. The Beatles, for instance, released several groundbreaking albums before the members turned 30.
- **Post-30:** Musicians often produce more mature and sophisticated works as they age. David Bowie's "Blackstar," released shortly before his death, is an example of profound work created later in life.
- **Conclusion:** Both younger and older musicians contribute significantly, with younger artists often capturing the zeitgeist and older artists offering depth and experience.

3. Fashion:

- **Pre-30:** Young designers often bring fresh ideas and challenge traditional norms, leading to innovative designs.
- **Post-30:** Older designers may focus on refinement and creating timeless pieces, leveraging their experience and understanding of the industry.
- **Conclusion:** Both young and older designers impact the industry, with innovation from the young and refinement from the experienced.

4. Sciences:

- **Pre-30:** Younger scientists often bring fresh perspectives and are willing to take risks, leading to innovative ideas.
- **Post-30:** Older scientists have more experience and a deeper understanding of their field, which can lead to more refined and impactful research.
- **Conclusion:** Both age groups contribute uniquely, with younger scientists often innovating and older scientists refining and expanding on ideas.

5. Technology:

- **Pre-30:** Younger individuals often bring fresh perspectives and are more willing to take risks, leading to groundbreaking innovations like Facebook, founded by Mark Zuckerberg at 19.
- **Post-30:** Older individuals often have more experience and resources, leading to more refined and sustainable innovations.
- **Conclusion:** Both younger and older innovators contribute significantly, with younger individuals driving rapid change and older individuals focusing on sustainability and strategic advancements.

6. Mathematics:

- **Pre-30:** Many mathematicians make significant contributions early in their careers, often due to peak cognitive abilities related to mathematical reasoning.

- **Post-30:** Older mathematicians may focus on solving complex problems or developing comprehensive theories, leveraging their experience and accumulated knowledge.
- **Conclusion:** Both younger and older mathematicians contribute significantly, with early career mathematicians often innovating and older mathematicians solving complex problems.

Overall, the impact of works created after the age of 30 is not necessarily less impressive; it is often different, characterized by maturity, refinement, and strategic thinking. The significance of an individual's work is influenced by various factors, including creativity, experience, and the nature of the field, rather than age alone.

Do humans create equally or more impressive works after the age of 30?

Do humans create equally or more impressive works in various fields after the age of 30?

“Gather data on notable works and their creators’ ages in art post-30.” Based on the search results, here are some notable artists who created significant works post-30, along with their ages when they achieved recognition or created their famous works:

1. **Wassily Kandinsky:** His career took off in his forties. Kandinsky is known for his abstract works and is considered a pioneer of abstract art.
2. **Louise Bourgeois:** She became famous at a very old age. Bourgeois is renowned for her large-scale sculpture and installation art.
3. **Edward Hopper:** He didn't sell a painting until his 30s and didn't become noticed until his 40s. Hopper is famous for his realist paintings depicting American life.
4. **Vincent van Gogh:** He didn't go to art school until he was 27 years old, and his most famous works were done in his thirties. Van Gogh is one of the most famous painters of all time, known for works like “Starry Night.”
5. **Claude Monet:** Although he painted a little in his 30s, he didn't fully discover his inimitable artistic style until his 40s. Monet is a founder of French Impressionist painting.

These examples illustrate that many artists have achieved significant success and recognition later in life, often after the age of 30. This suggests that age can be an advantage in the art world, allowing for the development of unique styles and perspectives.

“Gather data on notable works and their creators’ ages in music post-30.” Based on the search results, here are some notable musicians who created significant works or achieved fame after the age of 30:

1. **Joe Strummer** - Known for his work with The Clash, he later released three acclaimed albums with The Mescaleros after a 15-year hiatus.
 - Source: [Reddit](#)
2. **Sia** - Achieved major success in her 30s with hits like “Chandelier.”
 - Source: [Ari's Take](#)
3. **Rachel Platten** - Gained fame with “Fight Song” in her 30s.
 - Source: [Ari's Take](#)
4. **Bonnie Raitt** - Although she had been active for years, she achieved significant commercial success with her album “Nick of Time” at age 39.
 - Source: [Ari's Take](#)
5. **Louis Armstrong** - While he was already a well-known musician, his most famous recordings, including “What a Wonderful World,” came later in his career.
 - Source: [Ari's Take](#)
6. **Debbie Harry** - Became a music icon with Blondie in her 30s.
 - Source: [American Songwriter](#)
7. **Sheryl Crow** - Released her debut album “Tuesday Night Music Club” at age 31, which included the hit “All I Wanna Do.”

- Source: [American Songwriter](#)

These examples illustrate that many musicians have achieved significant success and created notable works after the age of 30, challenging the notion that artistic success is limited to younger ages.

“Gather data on notable works and their creators’ ages in fashion post-30.” Based on the provided context, here are some notable fashion designers who achieved significant success after the age of 30:

1. **Vera Wang:** Vera Wang entered the fashion industry at the age of 40 after a career in figure skating and journalism. She is now one of the world’s premier women’s fashion designers.
 - Source: [Inc.com](#)
2. **Giorgio Armani:** Giorgio Armani started his fashion career at the age of 41. He is renowned for his sleek, minimalist designs that have redefined luxury in both menswear and womenswear.
 - Source: [Makers Row](#)
3. **Christian Dior:** Although not explicitly mentioned in the context, Christian Dior was in his 40s when he founded his fashion house and became a leading figure in the fashion industry.
 - Source: [Creative Market](#)
4. **Giorgio Armani:** As mentioned, he ventured into fashion at 41 and became a significant influence in the industry.
 - Source: [Makers Row](#)

These examples illustrate that success in the fashion industry can come at any age, and many designers have made significant impacts after the age of 30.

“Gather data on notable works and their creators’ ages in sciences post-30.” The search results provide a variety of perspectives on the topic of notable scientific works and the ages of their creators, particularly focusing on those who achieved significant success after the age of 30. Here are some key points and examples from the data:

1. **Einstein’s Contributions:** Albert Einstein is often cited as an example of a scientist who made significant contributions in his early 30s. His theory of general relativity, one of his greatest contributions, was developed when he was in his early to mid-30s.
2. **Charles Darwin:** Although Darwin began his work on the theory of natural selection at 29, his most significant contributions and publications came later, indicating that his major scientific achievements occurred post-30.
3. **Nobel Prize Winners:** A study mentioned in the search results suggests that many Nobel Prize-winning scientists and inventors made their groundbreaking discoveries in their late 30s, highlighting that significant scientific achievements can occur well beyond the age of 30.
4. **Late Bloomers:** The concept of “late bloomers” in science is discussed, with examples of scientists who started their careers later in life and still achieved great success. This challenges the notion that major scientific contributions must occur before the age of 30.
5. **General Observations:** The data suggests that while many famous scientists made early contributions, there is a substantial number of successful scientists who made their most notable works after the age of 30. This includes those who changed careers or fields later in life and still managed to make significant impacts.

Overall, the information indicates that age is not a strict barrier to achieving greatness in science, and many have made their mark well after the age of 30. This aligns with the broader understanding that creativity and innovation can flourish at any age, given the right circumstances and opportunities.

“Gather data on notable works and their creators’ ages in technology post-30.” Based on the search results provided, here are some notable works in technology and their creators who achieved success post-30:

1. **Jack Dorsey** - Co-founder of Twitter, achieved significant success at the age of 30.
 - Source: [The Hustle](#)
2. **Tim Westergren** - Founder of Pandora, achieved success at the age of 35.
 - Source: [The Hustle](#)
3. **Jan Koum** - Co-founder of WhatsApp, achieved success post-30.
 - Source: [The Hustle](#)
4. **Martha Stewart** - Founder of Martha Stewart Living Omnimedia, achieved success at the age of 41.
 - Source: [FinanceBuzz](#)
5. **J.K. Rowling** - Creator of the Harry Potter empire, achieved success at the age of 32.
 - Source: [FinanceBuzz](#)
6. **Reid Hoffman** - Co-founder of LinkedIn, achieved success post-30.
 - Source: [FinanceBuzz](#)
7. **Jack Ma** - Founder of Alibaba, achieved success at the age of 35.
 - Source: [FinanceBuzz](#)

These examples illustrate that significant achievements in technology and entrepreneurship can occur well after the age of 30, leveraging experience and industry knowledge.

“Gather data on notable works and their creators’ ages in mathematics post-30.” Based on the search results provided, here are some notable works in mathematics and the ages of their creators when they made these contributions:

1. **Andrew Wiles**: Proved Fermat’s Last Theorem in his thirties. This is one of the most famous achievements in mathematics, completed in 1994 when Wiles was 41 years old.
 - Source: [Math Stack Exchange](#)
2. **Eugene Ehrhart**: Started publishing in mathematics in his 40s and completed his PhD thesis at the age of 60. He is known for Ehrhart polynomials, which are used in combinatorial geometry.
 - Source: [Quora](#)
3. **Marjorie Rice**: An amateur mathematician who made significant contributions to the study of tessellations in her 50s.
 - Source: [Quora](#)
4. **John von Neumann**: Although not specifically mentioned for post-30 achievements in the search results, von Neumann’s work in applied mathematics, quantum theory, and other fields continued well into his later years.
 - Source: [Britannica](#)

These examples illustrate that significant mathematical contributions can and have been made by individuals over the age of 30, challenging the stereotype that mathematical creativity peaks in one’s 20s.

Conclusion

The question of whether humans create equally or more impressive works after the age of 30 can be explored by examining various fields such as art, music, fashion, science, technology, and mathematics. Here’s a detailed analysis based on the data gathered:

Art

- **Wassily Kandinsky**: His career took off in his forties, known for pioneering abstract art.
- **Louise Bourgeois**: Gained fame at an older age, known for sculpture and installation art.
- **Edward Hopper**: Became noticed in his 40s, famous for realist paintings.
- **Vincent van Gogh**: Created his most famous works in his thirties.
- **Claude Monet**: Developed his unique style in his 40s.

These examples suggest that many artists achieve significant success and recognition later in life, often after the age of 30.

Music

- **Joe Strummer:** Released acclaimed albums with The Mescaleros after a hiatus.
- **Sia:** Achieved major success in her 30s.
- **Rachel Platten:** Gained fame with “Fight Song” in her 30s.
- **Bonnie Raitt:** Achieved commercial success at age 39.
- **Louis Armstrong:** Famous recordings came later in his career.

Many musicians have achieved significant success and created notable works after the age of 30, challenging the notion that artistic success is limited to younger ages.

Fashion

- **Vera Wang:** Entered the fashion industry at 40, became a premier designer.
- **Giorgio Armani:** Started his fashion career at 41, known for minimalist designs.
- **Christian Dior:** Founded his fashion house in his 40s.

Success in the fashion industry can come at any age, with many designers making significant impacts after 30.

Sciences

- **Albert Einstein:** Developed the theory of general relativity in his early to mid-30s.
- **Charles Darwin:** Major scientific achievements occurred post-30.
- **Nobel Prize Winners:** Many made groundbreaking discoveries in their late 30s.

The data suggests that significant scientific achievements can occur well beyond the age of 30.

Technology

- **Jack Dorsey:** Co-founder of Twitter, achieved success at 30.
- **Tim Westergren:** Founder of Pandora, succeeded at 35.
- **Jan Koum:** Co-founder of WhatsApp, achieved success post-30.

Significant achievements in technology and entrepreneurship can occur well after the age of 30.

Mathematics

- **Andrew Wiles:** Proved Fermat’s Last Theorem at 41.
- **Eugene Ehrhart:** Published in his 40s, completed PhD at 60.
- **Marjorie Rice:** Made contributions to tessellations in her 50s.

Significant mathematical contributions have been made by individuals over the age of 30, challenging the stereotype that mathematical creativity peaks in one’s 20s.

Conclusion

Across various fields, there are numerous examples of individuals who have created equally or more impressive works after the age of 30. This suggests that age is not a strict barrier to achieving greatness, and creativity and innovation can flourish at any age, given the right circumstances and opportunities. The notion that significant achievements are confined to youth is challenged by these examples, highlighting the potential for continued growth and success throughout one’s life.

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Search Results

“Do humans create their greatest works before the age of 30?”

- [Do most scientists make their greatest discoveries when they are ...](#): Probably yes. First, to clarify, he isn't saying “A scientist makes their best contributions before 30”, Einstein developed GR when he was 35, ...
- [A person who has not made a great contribution to science before ...](#): A person who has not made a great contribution to science before the age of 30 will never do so. This is a quote from a Netflix series 3 Body Problems.
- [Have we done our best creative work by 30?](#): Clear using 30 as an absolute milestone is a little churlish. As great things have been done by 31 and 32 year olds we must accept 30 as the mean.
- [At what age do we do our greatest work? - things made thinkable](#): Perhaps most surprising is that physicists and mathematicians don't do their greatest work until they're well into their thirties, on average.
- [The Age 30 Crisis and Seasons of a Man's Life](#): We are expected to make major life decisions before we have the wisdom to choose wisely. ... Middle age is when men tend to do their best work.
- [When Does Creativity Peak: Youth, Middle Age, or Old Age?](#): For instance, Simonton has found that poets and physicists tend to produce their finest work in their late 20s, while geologists, biologists and ...
- [Late Bloomers - The New Yorker](#): Some poets do their best work at the beginning of their careers. Others do their best work decades later. Forty-two per cent of Frost's ...
- [When you will most likely hit your creative peak, according to science](#): On average, Nobel Prize-winning writers produce their best work at age 45. Painters peak at age 42. And classical composers produce their most popular works at ...
- [The Stroke of Genius Strikes Later in Modern Life | Live Science](#): While Einstein thought genius came early in life, say by age 30, new research suggests scientists are making their greatest contributions well into their 40s ...

“Are works created after 30 significantly less impressive?”

- [CMV: Copyright should be 30 years at the most. - Reddit](#): I suspect that all the works that are over 30 and still making significant money represent a tiny minority. The pennies that the average ...
- [Avoiding Copyright Infringement: The Truth About the 30% Rule](#): This notion suggests that if you modify or transform an original work by more than 30%, you have effectively created a new and original work, ...
- [Full article: The true impact of shorter and longer copyright durations](#): This paper proposes to shorten the copyright duration and analyzes why this is likely to increase the earnings of authors from their works and to enhance ...
- [The Myth Of The 30% Rule In Copyright Law | Washington, DC](#): There is no actual 30% rule in copyright law, and starting with someone else's work could be a costly mistake.
- [Copyright Term Extension Act - Wikipedia](#): Following the Copyright Act of 1976, copyright would last for the life of the author plus 50 years (or the last surviving author), or 75 years from publication ...
- [\[PDF\] Copyrightable Authorship: What Can Be Registered](#): All U.S. works both published and unpublished created on or after January 1, 1978, are eligible for U.S. copyright protection. 17 U.S.C. 104(a), (b).

- [The 30 Percent Rule in Copyright Law - Gerben IP](#): A popular myth in copyright law is that changing someone else's work by 30% avoids copyright infringement. This article discusses why that is not true.
- [Copyright law of the United States - Wikipedia](#): The United States Constitution explicitly grants Congress the power to create copyright law under Article 1, Section 8, Clause 8, known as the Copyright Clause.
- [Public Domain Day 2023 | Duke University School of Law](#): On January 1, 2023, copyrighted works from 1927 will enter the US public domain. 1 They will be free for all to copy, share, and build upon.
- [New Works to Enter the Public Domain in 2024](#): Books, films, and other media published in 1928 enter the public domain in 2024. Many are obscure, but we've highlighted some of the big names below.

“Greatest works in art before age 30”

- [Anyone start making art 30 years old or older and actually make it?](#): The work of David Galenson talks about artists who achieved success later in life versus the young prodigies that get famous quickly and lose ...
 - [Have we done our best creative work by 30?](#): Clear using 30 as an absolute milestone is a little churlish. As great things have been done by 31 and 32 year olds we must accept 30 as the mean.
 - [Could I get good at art before I turn 30? I'm currently 16 I've ... - Quora](#): I'm currently 16 I've been drawing for 2 years my art is horrible and from what I've seen it takes almost 20 years to get good for most people.
 - [6 Artists Who Started \(Very\) Late In Life - Redbubble Blog](#): The master of American realism, Edward Hopper didn't sell a painting until his 30s, or even become noticed by anyone until his 40s. After the ...
 - [The 10 greatest works of art ever | Culture | The Guardian](#): Leonardo da Vinci The Foetus in the Womb (c 1510-13) Caravaggio The Beheading of Saint John the Baptist (1608) Rembrandt Self-Portrait ...
 - [25 Contemporary Artworks you need to see - Artsper Magazine](#): Here are 25 contemporary artworks that every art lover should know about, from the masterpieces of iconic artists to rising talents.
 - [I'm turning 30 and I've produced no amazing art. - Hacker News](#): Amazing art is rare at any age. It is better and healthier to focus on improving your eye and your craft.
 - [30 World's greatest artworks - Bucket List Travels](#):
1. Brancacci Chapel (1425-1428), by Masolino da Panicale & Masaccio
 2. Funerary Mask of Tutankhamun (c. 3. Girl with a Pearl Earring (c. 4.
- [100 Works of Art That Will Define Our Age: Grovier, Kelly](#): Just as Picasso's Guernica or Gericault's Raft of the Medusa survive as powerful cultural documents of their time, certain artworks from our own era will endure ...

“Greatest works in music before age 30”

- [What composers were known for being at their best early...](#): Richard Strauss also composed some of his most beautiful music (The Four Last Songs) very late in life. Shostakovich and Britten composed ...
- [Fifteen composers at 30 - Classical-Music.com](#): By the time of their 30th birthdays, where along life's path had some of the best known composers got to? Here are 15 notable examples.
- [Is there any great classical composers/musicians who picked up ...](#): Lots of famous horn players were musicians before but didn't swap to horn until older. Dennis Brain began horn at age 16, Hermann Baumann at 19, ...
- [Which great composers started late? - Quora](#): Mozart at 35. He wrote so much music that a lot of people are surprised at this one. Schubert at 31. Another truly wonderful composer with his ...
- [Who are the best music composers in our age that will have ... - Quora](#): Who are the best music composers in our age that will have the same relevance in history as a “Mozart” or “Beethoven”?
- [The 30 greatest classical music composers of all time - Classic FM](#): From Mozart to Hildegard of Bingen, we introduce you to the most famous classical composers in music history, who have brought us the very ...

- [The 30 Greatest Orchestral Works - The Great Courses](#): The title is a misnomer. These are not the 30 “greatest” orchestral works. Some omissions: Beethoven’s 5th and 7th Symphonies and Triple ...
- [10 Classical Music Composers to Know | Britannica](#): The three composers that consistently appear in the top spots are Beethoven, Bach, and Mozart. Scholars and fans vary on the rest.
- [The Evolution of Beethoven’s Music \(From 11 to 55 Years Old\)](#): Comments895. Foxzolaire. And by 24 years of age, Beethoven unlocked beast mode. By 30 ... Duration: 10:30 Posted: Jan 26, 2023
- [10 Iconic Pieces of Classical Music - All Classical Portland](#): “The Blue Danube” by Johann Strauss II The Blue Danube* is the best-known of his works a significant ranking as Strauss’ written repertoire ...

“Greatest works in fashion before age 30”

- [9 Vogue Editors on How Turning 30 Changed Their Style Or Didn’t!](#): Below, my colleagues share just how this milestone birthday has changed (or hasn’t!) their personal style.
- [How to Dress in Your 30s for Your Most Confident Decade Yet - Byrdie](#): Keep reading for 10 tips for dressing in your 30splus, stylish picks to try ASAP. A great pair of jeans: A black blazer: A pair of white ...
- [Fashion: How To Dress Well In Your Thirties | The Journal - Mr Porter](#): Turning 30? Say goodbye to the fashion faux pas of your twenties and embrace a wardrobe that reflects your newfound wisdom and ...
- [20 Famous Design Entrepreneurs Who Found Success After 30](#): At 32, Rick Owens launched his fashion line, gaining international recognition for his bold, avant-garde style. His designs, particularly his ...
- [The 30 Items You Need to Build the Perfect Capsule Wardrobe - ELLE](#): We compiled 30 basics that will help narrow down what matters to you, which also helps keep us accountable.
- [‘Things You Should Own by the Time You’re 30’ Lists Are ... - ELLE](#): Chic black pumps. A well-cut trench coat. An evening clutch. All items I’ve probably told readers they should own by the time they turn 30. The ...
- [How to dress in your 30s: 9 wardrobe essentials - The Today Show](#): We asked experts to round up the best styling tips and wardrobe essentials for women in their 30s. Shop denim, work totes, sneakers and more ...
- [Do People Over Age 30 Really Stop Evolving With Fashion? - Reddit](#): I noticed most people that are over age 30 still have 2000’s hairstyles and clothing. If so I ask why does this happen?
- [How To Dress in Your 30s for Every Dress Code](#): Read our styling guide for how to dress in your 30’s & discover everything you need to know to conquer this decade in 7 steps.
- [5 ‘Under 30’ Fashion Designers You Need To Know Now - Forbes](#): 5 ‘Under 30’ Fashion Designers You Need To Know Now ; Christina Economou, Age 25, France ; Phoenix Keating, Age 23, Australia ; Sarah Flint, Age 25 ...

“Greatest works in sciences before age 30”

- [A person who has not made a great contribution to science before ...](#): A person who has not made a great contribution to science before the age of 30 will never do so. This is a quote from a Netflix series 3 Body Problems.
 - [Age and Genius: Why the Late 30s Are the Best Times for ...](#): Albert Einstein once said that “a person who has not made his great contribution to science before the age of 30 will never do so.”
 - [Do you think Einstein was right when he said ‘A person who has not ...](#): His contributions to quantum mechanics, the work of the 1920s, was done in his 40s, and it was as good as the 1905 stuff, done in his 20s.
 - [5 Famous Scientists Who Made Discoveries at a Young Age](#):
1. Lawrence Bragg (1890-1971)
 2. Subrahmanyan Chandrasekhar (1910-1995)
 3. Galileo Galilei (1564-1642)
 4. Sir Isaac Newton (1643-1727)
 - 5.
- [The Stroke of Genius Strikes Later in Modern Life | Live Science](#): By 2000, great work before age 30 almost never happened in any of the three fields. In physics, great achievements by age 40 occurred in ...

- [Breakthrough scientific discoveries no longer dominated by the very ...](#): Scientists under the age of 40 used to make the majority of significant breakthroughs in chemistry, physics and medicine but that is no longer the case, new ...
- [\[PDF\] Age and Scientific Genius - Kellogg School of Management](#): Einstein's theory of general relativity, perhaps his greatest contribution, came largely in his early to mid-30s. Copernicus completed his revolutionary theory ...
- [Greatest work of physicist done in their 20s? - Physics Forums](#): Many of the world's greatest physicists made their biggest breakthroughs in their 20s- Dirac, Einstein, Pauli, Heisenberg, and Bohr, for example.
- [Age & science: do scientists make their best discoveries during their ...](#): Alexander Fleming was 47 when he discovered penicillin, Andrew Wiles was 42 when he proved Fermat's theorem and Luc Montagnier was 51 when he ...
- [Geniuses are getting older - Lindau Nobel Laureate Meetings](#): Lawrence Bragg was barely 25 when he was awarded the Nobel Prize in Physics in 1915. The research for which he received the award his work ...

“Greatest works in technology before age 30”

- [Great Inventions Come Later in Life | NBER](#): First, there is large variation in age: 42 percent of innovations came about when their creators were in their 30s, while 40 percent occurred when the inventors ...
- [A World Transformed: What Are the Top 30 Innovations of the Last ...](#): Within the top 10 alone, DNA testing and sequencing, human genome mapping, Magnetic Resonance Imaging (MRI) and non-invasive laser and robotic ...
- [25 technologies that have changed the world - CNET](#): There are a few gadgets and technologies that have changed our lives and the world forever. Here are 25 influential advancements from the past quarter century.
- [What technology in 30 years will expose me as old? - Reddit](#): I grew up with gaming consoles, home computers, and eventually the Internet. I'm pretty adept at discovering, learning, and using new technology ...
- [30 Under 30: The Most Influential Young People In Tech RANKED](#): These 35 youngsters are making a name for themselves all before hitting the age of 30.
- [1962-2022: A 60-Year Timeline of Events Technology Innovation](#): Artificial Intelligence: AI has continued to advance rapidly, with major breakthroughs in natural language processing, computer vision, and autonomous systems.
- [9 technological inventions that have changed the world - Telefonica](#): The printing press The steam engine The light bulb The telephone The aeroplane The personal computer Internet The mobile phone.
- [Millennials stand out for their technology use | Pew Research Center](#): More than nine-in-ten Millennials (93% of those who turn ages 23 to 38 this year) own smartphones, compared with 90% of Gen Xers (those ages 39 to 54 this year ...
- [History of Technology Timeline | Britannica](#): Learn more about the history of technology from the first tools to the space age to the computer age.
- [30 Obsolete Technologies that will Perplex Post-2000s Kids | WDD](#): From pagers and portable DVD players to floppy discs and Adobe Flash, we're going to take a trip down memory lane and look at 30 of the inventions that paved ...

“Greatest works in mathematics before age 30”

- [Do mathematicians achieve their best by age of 30? - Quora](#): Generally it is thought most mathematicians produce their best work before age 30. The Fields medal is the highest mathematics honor that can be ...
- [Are Mathematicians Past Their Prime at 35? - Massey University](#): Are Mathematicians Past Their Prime at 35? Maybe not, but the idea lingers due to an abundance of young talent. By LILA GUTERMAN.

- [Great contributions to mathematics by older mathematicians \[closed\]](#): Andrew Wiles proved Fermat's Last Theorem in his thirties. Post many examples of great mathematics created over the age of 30, the older the ...
- [Few studies of whether “mathematicians do their best work when ...](#): Few studies of whether “mathematicians do their best work when they're young”? And the answer is NO so don't feel down just because you ...
- [Early Career in Math: Why Peak Before 30? - Physics Forums](#): The notion that mathematicians peak before the age of 30 is a simplification of reality. While it is true that many breakthroughs in math happen before this ...
- [Major mathematical advances past age fifty - MathOverflow](#): As a concrete example, at age 65 he proved that 2311 is a Mersenne prime, which may have remained the largest known prime for the next 95 years ...
- [Age, Gender, and the Highest Award in Mathematics - Medium](#): The idea that mathematicians do their best work when they are young is now intricately linked with the award.
- [Mathematical Genius: Youth vs Experience | by Russell Lim](#): In 1993, at age 40, Andrew Wiles announced his proof of Fermat's Last Theorem, after working on the problem in secret for several years.
- [Is it too late for me to start learning mathematics?:](#) Certainly someone your age (or even much older) can learn Calculus, even get a degree in mathematics. And get a good job afterward.
- [Learning Math as an Adult \(over the age of 30\) | Math Misery?:](#) For many of us, our math paralysis as adults is a remnant of our math paralysis as a child. Mathematics was hard. And it was torture. I could ...

“Notable works in art and creators' ages”

- [The 25 Works of Art That Define the Contemporary Age](#): Three artists and a pair of curators came together at The New York Times to attempt to make a list of the era's essential artworks.
 - [The 25 Works of Art That Define the Contemporary Age | UCLA Arts](#): Works by David Hammons, Dara Birnbaum, Felix Gonzalez-Torres, Danh Vo, Cady Noland, Kara Walker, Mike Kelley, Barbara Kruger and Arthur Jafa were cited ...
 - [Famous artists who started as adults? : r/ArtistLounge - Reddit](#): Van Gogh didn't start until his late 20's. Monet didn't start his more famous work until his 40's. George Eliot published her first novel at 40.
 - [The Childhood Artworks of Famous Artists from Picasso to Dali | Artsy](#): Picasso, Dali, and Michelangelo were all painting by their early teens. Below are childhood works by seven now-famous artists, each offering a glimpse into the ...
 - [Most Famous Artists of All Time, from Michelangelo to Warhol](#):
1. Leonardo da Vinci
 2. Michelangelo
 3. Rembrandt
 4. Vermeer
 5. Jean-Antoine Watteau
 6. Eugene Delacroix
 7. Claude Monet
 8. Georges ...
- [Artists Through the Ages: Set 1 | Rosen Publishing](#): Readers take a journey through history's greatest artists including da Vinci and Monet. Easy-to-understand text combines biography with descriptions of each ...
 - [The 10 most famous artists of all time, according to the We Love Art ...](#): In We Love Art's opinion, these are the 10 most famous artists of all time: Henri Matisse (1869 1954) Rene Francois Ghislain Magritte ...
 - [Artists over 50: better late than ever? | Art - The Guardian](#): As a new exhibition of late-period Turners opens at Tate Britain, curator Sam Smiles asks if it's time art outgrew its obsession with age.
 - [The 20 most Famous Artists of all time](#): Exploring the Top 20 Most Famous Artists in History Leonardo da Vinci (1452 1519) Michelangelo (1475 1564) Artemisia Gentileschi (1593 ...

“Notable works in music and creators' ages”

- [What Age Did Famous Composers Write Their Most Famous Pieces?:](#)

- 1) Johann Sebastian Bach - 33 - Cello Suites No. 2) Igor Stravinski - 31 - The Rite of Spring (1913) 3) Ludwig van Beethoven - 31 - Piano ...
- [Rock/pop artists who have put out some of their best work later in life](#): Joe Strummer is known for his work with the Clash in the 70s and early 80s. He did little for 15 years then put out three excellent albums with the Mescaleros.
 - [What composers were known for being at their best early...:](#) Handel composed Messiah at around 65 which was pretty old for those living in the 1700s. Richard Strauss also composed some of his most ...
 - [Which artists, writers, musicians did their best work at a late age?:](#) Gerhard Richter comes to mind. Best work, don't know, but amongst his best work is his contemporary material, at least in my opinion.
 - [At what age are composers the most creative? - Classical Music Forum](#): Composers like Mozart, Schubert and Mahler had the creative spark quite early while Brahms had the spark in his thirties before he made a ...
 - [10 Classical Music Composers to Know | Britannica](#): The three composers that consistently appear in the top spots are Beethoven, Bach, and Mozart. Scholars and fans vary on the rest.
 - [List of centenarians \(musicians, composers and music patrons\)](#): List of centenarians (musicians, composers and music patrons) ; Irving Caesar, 1895-1996, 101 ; Matilde Capuis, 1913-2017, 104 ; Elliott Carter, 1908-2012, 103 ...
 - [The 30 greatest classical music composers of all time - Classic FM](#): Johann Sebastian Bach (1685-1750) Wolfgang Amadeus Mozart (1756-1791) Ludwig van Beethoven (1770-1827) Hildegard von Bingen (1098-1179).
 - [Classic Albums By Young Musicians: 25 Age-Defying Greats](#): Stevie Wonder: Recorded Live: The 12 Year Old Genius (1963) U2: Boy (1980) Jackson 5: Diana Ross Presents The Jackson 5 (1969) The Jam: In the City (1977).
 - [Famous Contemporary Classical Music Composers | iMusician](#): Discover 24 famous classical music composers of the contemporary age per our analysis and research. Show results with:creators'

“Notable works in fashion and creators’ ages”

- [10 Designers Who Only Became Successful After Age 40](#):
1. Vera Wang 2. Herb Lubalin 3. David Carson 4. Muriel Cooper 5. Christian Dior 6. George Nelson 7. Alexey Brodovitch 8. Giorgio Armani ...
- [TOP 50 Best Fashion Designers - Love Happens Mag](#): Christian Louboutin Born in France in 1963, Christian Louboutin has flourished as a top fashion designer for over two decades. The icon was ...
 - [20 Famous Design Entrepreneurs Who Found Success After 30](#): Paul Smith didn't open his first shop until he was 35. Today, his fashion empire is known for its unique blend of classic tailoring and quirky ...
 - [The Most Iconic Fashion Designers of the Last 100 Years](#): From Coco Chanel to Alexander McQueen, these designers all stand out in history as masters of taste and creativity.
 - [10 Influential Fashion Illustrators from the 1920's to the 2020's](#): GREGORY WEIR-QUITON. Gregory Weir-Quiton, still working today, has over 60 years of experience, from fashion illustration to designing logos ...
 - [Haute Couture Designers Through the Ages: The 1900s](#): The working structure of High sewing is comparative to how artists were employed throughout the ages such as Da Vinci, Michelangelo and ...
 - [At what age \(average\) do artists make their most important work?:](#) Human creativity: Writers, artists and composers tend to peak in their late 30s and early 40s.
 - [American Gilded Age Designers - Ian Drummond Vintage](#): Osborn Company. Josefa Nielson Osborn was a Gilded Age socialite and one of the most fashion women in Manhattan society of the 1880s and 90s.
 - [12 Influential Women Designers in Fashion History - WWD](#): From Chanel to Diane Von Furstenberg and Tracy Reese, women designers have shaped fashion's history and created looks that remain today.
 - [9 Times The History of Art Inspired Fashion Designers - TheCollector](#): Fashion Designers & Pop Art: Gianni Versace And Andy Warhol One of his earliest and undoubtedly most famous works was The Marilyn Diptych. For ...

“Notable works in sciences and creators’ ages”

- [\[PDF\] Age and Scientific Genius - Kellogg School of Management](#): Abstract. Great scientific output typically peaks in middle age. A classic literature has emphasized comparisons across fields in the age of peak ...
- [Who Says Scientists Peak By Age 50? | Next Avenue](#): It’s generally thought that scientists and mathematicians do their best work in their younger years, certainly not after 50. But is that really true?*
- [Great Inventions Come Later in Life | NBER](#): First, there is large variation in age: 42 percent of innovations came about when their creators were in their 30s, while 40 percent occurred when the inventors ...
- [Age and Genius: Why the Late 30s Are the Best Times for ...](#): The study examined the ages and discoveries of Nobel Prize-winning scientists and inventors, and found that while true genius requires a lot of hard work ...
- [List of centenarians \(engineers, mathematicians and scientists\)](#): List of centenarians (engineers, mathematicians and scientists) ; Henri Cartan, 19042008, 104 ; Hung-ta Chang, 19142016, 101 ; Chen Jingxiong, 19212022, 100 ...
- [At what age did famous scientists start working on their research?](#): Einstein published his most important papers on relativity in 1905. He was 26. Issac Newton made his key discoveries in optics in 1666. He was ...
- [5 Famous Scientists That Started Their Work as Young Teens - Yahoo](#): 5 Famous Scientists That Started Their Work as Young Teens 1. Isaac Newton 2. Albert Einstein 3. Galileo Galilei 4. Aristotle 5. Blaise ...
- [22 Famous Scientists: Their Crucial Contributions and Discoveries](#): 22 Famous Scientists Who Changed How We View the World (and the Universe) Nicolaus Copernicus Galileo Galilei Robert Hooke Sir Isaac Newton.
- [9 Artists Who Are Scientific Innovators from Leonardo da Vinci to ...](#): Samuel Morse. Invented Morse Code ; Leonardo da Vinci. Dissected corpses and developed flying machines ; Santiago Ramon y Cajal. Pioneered ...
- [Age and the Impact of Innovations - New Things Under the Sun](#): On average, the older is an active scientist/inventor, the more likely they are to be above average. This selection effect operates in opposition to the ...

“Notable works in technology and creators’ ages”

- [Great Inventions Come Later in Life | NBER](#): First, there is large variation in age: 42 percent of innovations came about when their creators were in their 30s, while 40 percent occurred when the inventors ...
 - [7 Gilded Age Inventions That Changed the World | HISTORY](#): Thomas Edison was by far the most prolific and well-known inventor of the Gilded Age, and his fame started with the phonograph, the first machine for recording ...
 - [40 Famous Inventors Who Made Their Mark on History](#): Famous inventors like Thomas Edison, Madam C.J. Walker, John Deere, and Steve Jobs developed ideas into revolutionary products that have ...
 - [The Women Who Changed The Tech World - Global App Testing](#): To honour Ada Lovelace Day, we have collated a list of 10 female role models who changed the tech world.
 - [Timeline of historic inventions - Wikipedia](#): The timeline of historic inventions is a chronological list of particularly important or significant technological inventions and their inventors, where known.
 - [Top 50 Tech Visionaries | PCWorld](#):
3. Bill Gates 4. Steve Jobs 5. Tim Berners-Lee 6. Ray Tomlinson 7. Douglas Engelbart 8. Bill Hewlett and Dave Packard 9. Shigeru Miyamoto.
- [Technology Timeline \(1752-1990\) | American Experience - PBS](#): From Benjamin Franklin’s lightning rod to the Hubble Space Telescope, this timeline covers some of America’s technological innovations and inventions.
 - [Meet the Ancient Technologists Who Changed Everything](#): A series of Stone Age geniuses invented a range of technologies that shaped human evolution and laid the foundation for our world.

- [9 technological inventions that have changed the world - Telefonica](#): From the creation of the first stone tools or the wheel to machines and technologies that once paved the way for a more modern planet.
- [History of technology - Ancient World, Innovations, Inventions](#): In the ancient world, technological knowledge was transmitted by traders, who went out in search of tin and other commodities, and by craftsmen in metal, stone ...

“Notable works in mathematics and creators’ ages”

- [Major mathematical advances past age fifty - MathOverflow](#): Marina Ratner (b. 1938) proved Ratner’s Theorems around 1990. They are some of the biggest advances in ergodic theory for quite a long time.
- [Great contributions to mathematics by older mathematicians \[closed\]](#): Historically speaking the greatest mathematical discoveries were made between ages 25 and 45 (average of 35-37).
- [History of mathematics - Wikipedia](#): The ancient Romans used applied mathematics in surveying, structural engineering, mechanical engineering, bookkeeping, creation of lunar and solar calendars, ...
- [Greatest Mathematicians born between 1700 and 1799 A.D.](#): Daniel developed partial differential equations, preceded Fourier in the use of Fourier series, did important work in statistics and the theory of equations, ...
- [List of important publications in mathematics - Wikipedia](#): Among published compilations of important publications in mathematics are Landmark writings in Western mathematics 1640-1940 by Ivor Grattan-Guinness and A ...
- [20 Greatest Mathematicians of All Time - Abacus](#): From Euclid’s geometry to Kepler’s laws of planetary motion, mathematics has been advanced by some brilliant minds who are remembered as some of the greatest ...
- [Learn About the Contributions of Famous Black Mathematicians](#): Benjamin Banneker (1731-1806). Benjamin Banneker was a self-educated mathematician and astronomer. Most notably, he built America’s first clock at age 24.
- [Timeline of Mathematics - Mathigon](#): Timeline of Mathematics c. 300 BCE: Indian mathematician Pingala writes about zero, binary numbers, Fibonacci numbers, and Pascal’s triangle. c. 260 BCE: ...
- [7 Brilliant Mathematicians and Their Impact on the Modern World](#): We picked some of the most remarkable mathematicians whose work continues to help shape our modern world, sometimes hundreds of years after their death.
- [Artists that are mathematicians : r/math - Reddit](#): What are some examples of people who are/were proficient in both math and art? Being one who practises both, I find the two very similar. Missing: Notable creators’

“Impact of works in art created after age 30”

- [Anyone start making art 30 years old or older and actually make it?](#): The age thing isn’t the major hurdle. Making good work is important, making good and real personal connections with other artist, curators, critics and ...
- [Why It’s Never Too Late to Become an Artist | Artwork Archive](#): You have seen more places, experienced more friendships and relationships, felt more moments of joy and sorrow. There are deeper wells to draw ...
- [Is the age of 30 too late to attempt to pursue some art career? - Quora](#): No, 36 is not too late to become an artist. There was a folk artist, Grandma Moses, who started painting in her 70’s and became quite a success.
- [How our creativity as artists changes as we age. - WePresent](#): Science, overall, suggests that we become less creative as we grow older, but the real story is not so simple.
- [Just a number: Does our age affect how creative we are?](#): We are drawn to stories of artists and their ages. It’s easy to see why. It’s exciting to hear about people mastering their skill at a tender ...
- [Art and aging - The Painters Keys](#): While beginning artists may do poor work because of undeveloped skills, mature artists may do poor work because they are losing facilities.
- [I’m turning 30 and I’ve produced no amazing art. - Hacker News](#): Amazing art is rare at any age. It is better and healthier to focus on improving your eye and your craft.

- [How Art Reflects The Age It Comes From - The Atlantic](#): There's a lens effect in art: The more recently it was created, the harder it is to place. Art from the past falls into neat categories like ...
- [The seven ages of an artist | Art - The Guardian](#): The creative career seldom has a conventional trajectory. We asked seven leading artists aged 24 to 80 what they have learned from a life in art.
- [Creativity and the exceptional aging artist - PMC](#): Some artistic aging individuals have developed a spurt of creativity and productivity late in life. Although similar observations can be made in other fields, ...

“Impact of works in music created after age 30”

- [Does age truly matter in music production? - Reddit](#): Age only matters to labels like Warner who want 25 and under performers, but again, that's a specific corner of the industry. If that's not what ...
- [Is 30 too old to start a music career? - Quora](#): No age is too old to start making music. You are never old to start making anything, till you choose to tell yourself otherwise.
- [I want to hear from artists who started doing music over the age of 30 ...](#): Tell me your story and be an inspiration for other small artists trying to make music in their 30s, 40s, 50s. Can ageism be defeated? musicians ...
- [Musical success after 30? - Gearspace](#): I have plenty of friends who have found success after 30, and are leading successful lives as indie or even major-label artists. In fact, 80% of ...
- [Does Age Matter in the Music Industry? \[Ari Herstand\] - Hypebot](#): The question I get asked frequently by older musicians is does age matter. There's no simple answer because it all depends on what your goals ...
- [Age Doesn't Matter Anymore! You Can Still Become ... - YouTube](#): Had my biggest Hit Record at 34 years old and made more since then ... 30K views 13:11 ... Duration: 9:38 Posted: Apr 21, 2021
- [Music Paralysis as We Age - The Scholarly Kitchen](#): Other studies suggest that music discovery peaks around age 24, and that stagnation sets in one's early 30s. As one ages, less and less time and ...
- [Is 30 too old to pursue music full time? - Gearspace](#): Is 30 too old to pursue music full time? Here's the deal... 29, soon to be 30. Work a stable 8-5 job, doesn't ...
- [It's TOO LATE To Release Music In Your 30s - YouTube](#): I'll debunk common misconceptions about age and it's impact on releasing music ... to ... Duration: 10:30 Posted: Jun 26, 2023
- [Why do people think starting a musical career at 30+ is too old?](#): Music is an art form, and art in its essence is a means of expression. That being said, you can never be too old or too young to express ...

“Impact of works in fashion created after age 30”

- [Is 29 too late to start a career in fashion design? - Quora](#): 29 is not too late to start. And if fashion design makes you happy, you should pursue what you enjoy and transform your hobby into a career.
- [Are you too old to make it in fashion? - 1 Granary](#): As fashion graduates have to live up to unfeasible career paths, established designers face ageism in an industry infatuated with youth.
- [Do People Over Age 30 Really Stop Evolving With Fashion? - Reddit](#): The average age of a working fashion designer is 36. While youth may be an aesthetic if you are attractive a LOT of young people wear ugly clothes.
- [Debunking the dream: Is working in fashion going out of style?](#): Fashion's workforce has historically faced long hours, intense pressure and the mental toll of being part of an industry focused on outward ...
- [Am I Too Old to Start My Fashion Career? - YouTube](#): I get this question so often in my inbox I decided to go ahead and address it in a video. Am I too ... Duration: 8:57 Posted: Nov 15, 2017
- [Life's Work: An Interview with Vera Wang - Harvard Business Review](#): After working as an editor at Vogue and an accessories designer at Ralph Lauren, Wang opened a New York bridal shop and debuted her own line of gowns at age ...
- [A Fashion Industry with Older Models - YLF - YouLookFab](#): The fashion industry is often criticized for showcasing women's clothes on one body type tall, slim, long-limbed, hourglass-y and about a US ...
- [10 Designers Who Only Became Successful After Age 40](#): Take a look at this inspiring handful of

late-blooming designers whose work continues to shape our aesthetic.

- [How Age Affects Fashion Choices: Decoding Style Transitions](#): We'll explore how fashion choices change with age. We'll provide insights and practical tips to help you navigate the transitions from youth to maturity.
- [\[PDF\] Fashion, the Body, and Age | Research at Kent](#): There is a long-established link in dress studies between clothing and social identity, with extensive work exploring the intersections of dress with gender, ...

“Impact of works in sciences created after age 30”

- [Age and Genius: Why the Late 30s Are the Best Times for ...](#): Age and Genius: Why the Late 30s Are the Best Times for Breakthroughs. Most scientists don't achieve their first big breakthrough until their late thirties. ...
- [Scientific productivity increases with age](#): The proportion of physicists who did their prize-winning work by age 30 peaked in 1923 at 31 percent. Those that did their best work by age 40 ...
- [Age and the Trying Out of New Ideas - PMC - PubMed Central](#): Also the magnitude of these differences is large: early career scientists are found to be 3050% more likely to try out new ideas than their most seasoned ...
- [Are there any scientists who started their career in their 30s ... - Quora](#): Some known scientists, mathematicians or physicists began their interest in or their studies of scientific topics at a young age (often ...
- [Age dynamics in scientific creativity | PNAS](#): In the previous 10 y, the majority of Nobel Prizes in physics had been given to individuals for work done by their early 30s, and Dirac and ...
- [A person who has not made a great contribution to science before ...](#): A person who has not made a great contribution to science before the age of 30 will never do so. This is a quote from a Netflix series 3 Body Problems.
- [Was Planck right? The effects of aging on the productivity of scientists](#): Science getting older may mean that it's not making room for younger scientists; older scientists would be sitting in a limited number of chairs for life.
- [As the U.S. scientific workforce ages, the younger generation faces ...](#): The age of the average researcher in industry and academia rose from 45.1 to 46.8, thanks especially to a sizable increase in the number over 55.
- [Age and the Impact of Innovations - New Things Under the Sun](#): So in all three studies, we see similar effects: the typical paper/patent of an older scientist or inventor gets fewer citations and the ...
- [Great Inventions Come Later in Life | NBER](#): First, there is large variation in age: 42 percent of innovations came about when their creators were in their 30s, while 40 percent occurred when the inventors ...

“Impact of works in technology created after age 30”

- [How Old Is Too Old? 36, If You Work In Tech. - LinkedIn](#): Once you're past the age of 36, if you work in technology, your chance of getting promoted decreases by 5% per year.
- [Is 30 too old for a tech job? - Quora](#): I was 31 and had absolutely no programming experience and didn't even know how to copy/paste. The next 3 years were the hardest years of my life.
- [Is it realistic to seek employment after 30 in software industry?](#): Best way to age gracefully in tech is to switch to management/paperwork type of job, it sounds bland and boring, but for sure it is better ...
- [\[PDF\] The Impact of Technological Advances on Older Workers](#): Job satisfaction and job motivation are positively affected by positive attitudes towards technology from older workers (Elias et al., 2012).
- [What can history teach us about technology and jobs? | McKinsey](#): Technology changes the mix of skills. It can produce jobs that have lower skills than previously, and it can produce jobs that require new ...
- [Great Inventions Come Later in Life | NBER](#): First, there is large variation in age: 42 percent of innovations came about when their creators were in their 30s, while 40 percent occurred when the

inventors ...

- [How Tech Fails Late-Career Workers](#): The job performance of older workers is hindered by the reduced perceptual speed and the technology overload that can occur if they are overburdened.
- [The future of work in the automated workplace - Pew Research Center](#): About two-thirds of adults (66%) doubt that the economy will generate many new, better paying jobs if robots and computers mostly replace human ...
- [Technology, jobs, and the future of work - McKinsey & Company](#): Not to be forgotten technology creates new jobs and income possibilities. Even while technologies replace some jobs, they are creating new work ...
- [Technology and jobs: A systematic literature review - ScienceDirect](#): We systematically review the empirical literature on the past four decades of technological change and its impact on employment.

“Impact of works in mathematics created after age 30”

- [Great contributions to mathematics by older mathematicians \[closed\]](#): Andrew Wiles proved Fermat’s Last Theorem in his thirties. Post many examples of great mathematics created over the age of 30, the older the ...
- [Few studies of whether “mathematicians do their best work when ...](#): If a mathematician does less impressive work when they are older, it’s because they have too many other obligations. It’s not necessarily so ...
- [Learning Math as an Adult \(over the age of 30\) | Math Misery?](#): “Do not worry about your difficulties in Mathematics. I assure you, mine are still greater.” -Albert Einstein
- [Do mathematicians achieve their best by age of 30? - Quora](#): The mathematical productivity of many mathematicians and physicists decline past age 35, but in virtually all cases, their life productivity and wisdom grew ...
- [Are there any serious investigations of whether “mathematicians do ...](#): The long-standing belief that age is negatively associated with scientific productivity and creativity is shown to be based upon incorrect analysis of data.
- [Are Mathematicians Past Their Prime at 35? - Massey University](#): The legend consists of two parts: Mathematical researchers make a splash early in their lives and then do less-significant work as they grow older. The first ...
- [soft question - Too old to start math - Mathematics Stack Exchange](#): While I think you are never too old to start anything, I really think Math sports needs to be learned and cultivated from a young age to be truly effective.
- [Age, Gender, and the Highest Award in Mathematics - Medium](#): Anecdotally, many mathematicians report that they did better work as they aged than they did when they were young and women may be more likely ...
- [Is there an implicit age limit for mathematical productivity?](#): Yes, older scientists can still make significant contributions to mathematics. While there may be societal expectations and biases about aging ...
- [Early Career in Math: Why Peak Before 30? - Physics Forums](#): However, as we age, we also gain valuable experience and learn from our mistakes, which can lead to important discoveries. Ultimately, the age ...

“Impact comparison of art works pre-30 and post-30”

- [Art History Timeline: Western Art Movements and Their Impact](#): This comprehensive art history timeline explores the characteristics, leading contributors and important influences of each prominent period ...
- [Artists helped lift America out of the Great Depression. Could ... - Vox](#): As unemployment soars, the WPA’s emphasis on artists shows a path toward recovery.
- [The evolution of human artistic creativity - PMC](#): The 2D and 3D art forms that were created by Upper Palaeolithic Europeans at least 30 000 years ago are conceptually equivalent to those created in recent ...

- [Art and Entertainment in the 1930s and 1940s - Library of Congress](#): What similarities do you see? What differences? How might you explain the continuity you see, as well as the change? To find additional sources on this topic, ...
- [Postmodern Art - Modern Art Terms and Concepts | TheArtStory](#): Postmodernists updated the Modernist ethos, thus they emphasized beyond the ideas of grand narratives of Western domination and progress.
- [Paleolithic Art Art and Visual Culture: Prehistory to Renaissance](#): At the end of the Paleolithic era, humans began to produce works of art such as cave paintings, rock art, and jewelry, and began to engage in religious ...
- [Visualizing the Impact of Art: An Update and Comparison of Current ...](#): This paper presents a theoretical assessment, comparison, and new articulation of a selection of key contemporary cognitive or information-processing-based ...
- [The Most Famous Art Movements and Styles - Artland Magazine](#): Here we provide you with the top terms of art movements and styles, from Classicism to Futurism, from Baroque to Avant-garde.
- [The 25 Most Influential Works of American Protest Art Since World ...](#): Three artists, a curator and a writer came together to discuss the pieces that have not only best reflected the era, but have made an impact.
- [American Colonial Art | Paintings, Sculptures & Artists - Study.com](#): Learn about the early American paintings and works produced by colonial artists and artisans in the 1700s, both during and after the American Revolution.

“Impact comparison of music works pre-30 and post-30”

- [History of music - Wikipedia](#): It is difficult to make many generalizations about ancient music as a whole, but from what is known it was often characterized by monophony and improvisation.
- [The Evolution Of The Music Industry - Forbes](#): How has the music industry evolved? Through the past 30 years, the way music is made and distributed has varied dramatically. The rise of the ...
- [Music History from Primary Sources | A Guide to the Moldenhauer ...](#): In its primary sources, music merges with the representational arts. Oral tradition has played a fundamental role in all ages, but in its formal sense, ...
- [The transformative power of music: Insights into neuroplasticity ...](#): The primary goal of this literature review is to provide an insight into how music is decoded by the nervous system and its impacts on brain function, as well ...
- [Interactive effects of music and prefrontal cortex stimulation in ...](#): We found that high-tempo music, but not low-tempo music or low-level noise, significantly influenced learning and implementation of inhibitory control.
- [6.2 The Evolution of Popular Music - University of Minnesota](#): Assess the impact of three technologies that changed the face of the music industry. Determine the influences and characteristics of each genre of popular music ...
- [Music in the exercise domain: a review and synthesis \(Part II\) - PMC](#): Pre-task music can be used as an effective pre-exercise prime while post-task music can aid mental and physical revitalisation.
- [Cook, Between Process and Product: Music and/as Performance](#): Music can be understood as both process and product, but it is the relationship between the two that defines performance in the Western art tradition.
- [Effects of Musical Tempo on Musicians' and Non ... - Frontiers](#): This study confirmed and explained the connection between music tempo and emotional experiences, and their interaction with individuals' musical training.
- [Program Music vs. Absolute Music | Definition & Differences - Lesson](#): Program music is music that is based on an extra-musical source such as a poem, a story, a painting or picture, nature, or a personal experience.

“Impact comparison of fashion works pre-30 and post-30”

- [The History of Fashion | Evolution, Timeline & Trends - Lesson](#): Learn about the history of fashion.

Study the fashion history timeline, examine images of fashion through the ages, and trace the ongoing evolution...

- [1920-1929 | Fashion History Timeline](#): Twenties fashion is often remembered for its glitz and glamour, though underlying this was a move toward simplicity in dress.
- [5 OverTheTop Fashion Trends From the Victorian Era | HISTORY](#): As clothing became cheaper and faster to make during the Industrial Revolution, new, sometimes outrageous fashion designs became chic.
- [History of fashion design - Wikipedia](#): History of fashion design refers specifically to the development of the purpose and intention behind garments, shoes, accessories, and their design and ...
- [Fast Fashion is Destroying Our Planet: What You Can Do](#): The fast fashion industry pollutes waterways with toxic dyes, and increases the number of microfibres in the ocean through the use of fossil fuel-based fabrics.
- [What Is Fast Fashion and Why Is It So Bad? - Good On You](#): Fast fashion is a relatively new phenomenon in the industry that causes extensive damage to the planet, exploits workers, and harms animals.
- [1940-1949 | Fashion History Timeline](#): As World War I had in the 1910s, WWII had a profound impact on fashion in the first half of the 1940s, and even after the war had ended. France, the United ...
- [Global Fashion Industry Statistics - Fashion United](#): FashionUnited provides the latest global fashion industry statistics, including market size, revenue, employment, and more.
- [Navigating Post-Pandemic Work Style: How Cultural Shifts Forever ...](#): Post-pandemic, women have become much more strategic, focused, and minimalist with their wardrobes.
- [The State of Fashion 2024 report - McKinsey & Company](#): According to McKinsey's analysis of fashion forecasts, the global industry will post top-line growth of 2 to 4 percent in 2024. Missing: 30

“Impact comparison of science works pre-30 and post-30”

- [Scientific Revolution - Wikipedia](#): The Scientific Revolution was a series of events that marked the emergence of modern science during the early modern period
- [\[PDF\] The BSCS 5E Instructional Model: Origins, Effectiveness, and ...](#): Comparison of a prediction laboratory learning cycle combination with traditional instruction showed positive results in favor of the former, by one-third of a ...
- [Effectiveness-implementation Hybrid Designs - PubMed Central](#): This study proposes methods for blending design components of clinical effectiveness and implementation research. Such blending can provide benefits over ...
- [Understanding and misunderstanding randomized controlled trials](#): RCTs can play a role in building scientific knowledge and useful predictions but they can only do so as part of a cumulative program.
- [What Works - 30x30 Initiative](#): The 3030 Initiative is built on decades of social science research that shows the unique benefits women officers bring to policing agencies.
- [Scientific method - Wikipedia](#): The scientific method is an empirical method for acquiring knowledge that has characterized the development of science since at least the 17th century.
- [\[PDF\] Effective Teacher Professional Development - Learning Policy Institute](#): only, as determined by pre- and post-test science content exams. Statistical analyses linked these gains in student learning with teachers' science content ...
- [A manifesto for reproducible science | Nature Human Behaviour](#): Here we propose a series of measures that we believe will improve research efficiency and robustness of scientific findings by directly targeting specific ...
- [SCIENTIFIC BACKGROUND ON SMALLPOX AND ... - NCBI](#): Although the smallpox vaccine works well in a pre-exposure and post-exposure setting, quarantine and isolation are also valuable means by which to control ...
- [Implications for educational practice of the science of learning and ...](#): This article draws out the implications for school and classroom practices of an emerging consensus about the science of learning and development.

“Impact comparison of technology works pre-30 and post-30”

- [Technology over the long run: zoom out to see how dramatically the ...](#): The long-term perspective that this chart provides makes it clear just how unusually fast technological change is in our time.
- [Here's how technology has changed the world since 2000](#): Technology has changed major sectors over the past 20 years, including media, climate action and healthcare. The World Economic Forum's ...
- [History of technology | Evolution, Ages, & Facts - Britannica](#): History of technology, the development over time of systematic techniques for making and doing things.
- [The Effects of Health Information Technology on the Costs and ...](#): Consistent with the younger population, adopters have a 0.7 percentage point lower one-year mortality rate amongst in-sample patients, as ...
- [Millennials stand out for their technology use | Pew Research Center](#): Millennials have often led older Americans in their adoption and use of technology. But there has been significant growth in tech adoption ...
- [Information Age - Wikipedia](#): The Information Age is a historical period that began in the mid-20th century. It is characterized by a rapid shift from traditional industries, ...
- [The Unintended Consequences of Health Information Technology ...](#): The authors drew together three streams of prior work to unpack the origins of the unintended negative consequences of technology. Ash drew on an important ...
- [2. Tech is \(just\) a tool | Pew Research Center](#): Technology is neither inherently helpful nor harmful. It is simply a tool. They said the real effects of technology depend upon how it is wielded.
- [History of technology - Wikipedia](#): Technology includes methods ranging from simple stone tools to the complex genetic engineering and information technology that has emerged since the 1980s.
- [The Impact of Technology on Students' Writing Performances in ...](#): The results of this meta-analysis confirmed that technology has a medium effect on writing quality and a strong effect on writing quantity for elementary school ...

“Impact comparison of mathematics works pre-30 and post-30”

- [What Is the LongRun Impact of Learning Mathematics During ...](#): The current study estimated the causal links between preschool mathematics learning and late elementary school mathematics achievement.
- [Reading and solving arithmetic problems improves cognitive ...](#): The FAB and DST scores showed a statistically significant ($p < 0.001$ and $p < 0.01$, respectively) improvement in the post-test compared with the pre-test, such ...
- [Breaking Down the Nation's Math Scores - EdTrust](#): Irrespective of year, more students in Algebra I (an advanced class) show higher confidence with math (56%), compared to eighth grade math (31%) ...
- [Mathematics self-belief comparison and examination of pre-service ...](#): This research presents the comparison and examination of two different instruction methodologies, traditional-classroom methodology (TCM) and flipped-classroom ...
- [Strategies for remediating the impact of math anxiety on high school ...](#): To combat the impact of math anxiety on academic performance, we introduced two classroom-based interventions across two samples of high school math students.
- [The Power of Comparison in Mathematics Instruction - ResearchGate](#): In mathematics instruction, comparing worked examples is powerful and promising for enhancing mathematics learning (Rittle-Johnson, Star, & Durkin, 2017) .
- [America's Math Curriculum Doesn't Add Up - Freakonomics](#): The topics taught in high school mathematics (whether it be pre or post Common Core) are the gateway to understanding and interpreting data.
- [\[PDF\] An international comparison of upper secondary mathematics ...](#): Pre-calculus. This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post- ...
- [After 30 years of reforms to improve math instruction, reasons for ...](#): These reforms ask teachers to forgo presenting mathematics as a set of facts and procedures and instead help students to make sense

of mathematics conceptually.

- [\[PDF\] Module 5b: Pre- and Post-testing for Student Learning](#): For every observed change in one student's pre-test score, there is an expected change in that student's post-test score. For this test, the null hypothesis is ...

“Do humans create equally or more impressive works after the age of 30?”

- [Do you believe all humans are truly created equally? - Quora](#): We hold these truths to be self-evident, that all men are created equal, that they are endowed by their Creator with certain unalienable Rights.
- [Early Adulthood Lifespan Development](#): In this section, we will see how young adults are often at their peak physically, sexually, and in terms of health and reproduction.
- [Periods of Human Development | Lifespan Development](#): Think about the lifespan and make a list of what you would consider the basic periods of development. How many periods or stages are on your list?
- [Are All Men Created Equal? - Hoover Institution](#): The first is the lack of proof that all men are created equal. If we look around, we see many inequalities, some of them socially constructed by ...
- [What's the prime of your life? - BBC](#): Is ageing an inevitable decline or are there unexpected perks to getting older? David Robson reports.
- [10 amazing things that happen in your 30s, according to science](#): Studies show that the happiness we feel in our 30s is partly down to excelling at work. This is a time when we're bringing home promotions, becoming more ...
- [What Does Created Equal Mean? - Hoover Institution](#): When Thomas Jefferson, at the age of thirty-three, wrote all men are created equal, he and his contemporaries did not take these words literally.
- [Does old age make us equal? “All old people are equal” - CENIE](#): It seems to me that this is the case every time we allude to older people as groups (quasi-lobbies) with homogeneous behaviours and attitudes, ...
- [Life expectancy - Wikipedia](#): Human life expectancy is a statistical measure of the estimate of the average remaining years of life at a given age.
- [Age Structure - Our World in Data](#): What is the age profile of populations around the world? How did it change and what will the age structure of populations look like in the future?

“Greatest works in art after age 30”

- [Successful artists who got their start after 25/30+ : r/ContemporaryArt](#): Are there any artists you know that have had a second career or were self taught or started quite late in life?
- [6 Artists Who Started \(Very\) Late In Life - Redbubble Blog](#): The master of American realism, Edward Hopper didn't sell a painting until his 30s, or even become noticed by anyone until his 40s. After the ...
- [The 25 Works of Art That Define the Contemporary Age](#): Three artists and a pair of curators came together at The New York Times to attempt to make a list of the era's essential artworks.
- [It's Never Too Late: 20 Art-World Superstars Who Only Found ...](#): Consider these major figures, each of who took a winding path to art-world fame. Vincent van Gogh didn't go to art school until he was 27 years old.
- [Can You Be a Pro Artist Over 30? What You Need to Know - YouTube](#): Yuko Shimizu went to art school at 38 and is now one of the best modern illustrators. You ... Duration: 9:57 Posted: Mar 3, 2020
- [25 Contemporary Artworks you need to see - Artsper Magazine](#): Here are 25 contemporary artworks that every art lover should know about, from the masterpieces of iconic artists to rising talents.
- [I'm turning 30 and I've produced no amazing art. - Hacker News](#): Amazing art is rare at any age. It is better and healthier to focus on improving your eye and your craft.
- [12 Masterpieces of 21st-Century Painting You Need to Know Now](#): These seminal works, excerpted from Phaidon's art history anthologies, represent some of high points of painting over the past 15 years.
- [100 Works of Art That Will Define Our Age: Grovier, Kelly](#): Kelly Grovier curates a compelling list of one hundred paintings, sculptures, drawings, installations, performances, and video pieces that have made the ...

“Greatest works in music after age 30”

- [Rock/pop artists who have put out some of their best work later in life](#): Jimmie Dale Gilmore released all of his albums after age 30 except those with the flatlanders. Rodney Crowell and Emmy Lou Harris released ...
- [22 Musicians Who Made It After 30 - Ari's Take](#): Does age matter in music? Here are 22 musicians, including Sia, Rachel Platten, Bonnie Raitt, Louie Armstrong, who made it after the age of ...
- [What composers were known for being at their best early...](#): There are many composers (Beethoven, Janacek, J.Haydn) who many think wrote their best works in their last years.
- [Has any musician ever become successful in his 30s? - Quora](#): Even people who became famous musicians in their thirties had been playing music for years. Leonard Cohen was a published poet and novelist ...
- [I want to hear from artists who started doing music over the age of 30 ...](#): I want to hear from artists who started doing music over the age of 30 and have managed to push forward independently and are now going to gigs and/or maybe ...
- [Fifteen composers at 30 - Classical-Music.com](#): By the time of their 30th birthdays, where along life's path had some of the best known composers got to? Here are 15 notable examples.
- [Are Great Pop Musicians Washed Up by Age 30? - Nolan Dalla](#): Do great pop musicians run into creative gauntlet by age 30, and if so why? For purposes of discussion, I made 30 the creative cutoff.
- [These songs are 30 years old this year | by Phoenix - Medium](#): These songs are 30 years old this year MOVIES and MUSIC WE STILL LOVE tha BADONKADONK THE ORIGINAL CYRUS SOFTER SIDE OF HARD ROCK THE ...
- [Studying Music at age 30? - need your opinion - Piano Street](#): I am a 30 years old and working in a non-music-related field. My first love is music and I had been contemplating going to study full time in music school.
- [16 Singers & Musicians Who Started Late In Life - Music Gateway](#): is it possible to become a successful singer later in life? Here we'll study 16 musicians who started late in life. Read on to find out more.

“Greatest works in fashion after age 30”

- [How did you re-invent your style in your late 30s/early 40s? - Reddit](#): In my early 30s, I had my look down. But during the pandemic, I “grew” out of all my clothes and resorted to wearing Athleta Hybrid Joggers, my ...
 - [The 15 Essential Items Everyone Should Own by Age 30 - Vogue](#): The Long-Lasting Leather Jacket. A great leather jacket is one closet staple worth the splurge. After all, they only get better with age (kind ...
 - [What To Wear When You're 30-Something... | Page 3](#): Where personal style is trend-driven, not personal. I really liked her second point of being in her 30s and not finding clear direction.
 - [20 Wardrobe Updates to Make by Age 30 - Who What Wear](#):
1. Replace Low Rise-Jeans With Wide-Leg Jeans
 2. Replace Basic Pantsuits With Trousers and Pretty Blouses
 3. Invest in Sleek Shoes
 4. Skip ...
- [What are styled clothes for a 30-year-old? - Quora](#): Your 30s style is about confidence and polish: well-fitted clothes, quality basics, and a touch of personal flair, all worn comfortably.
 - [Over 30? 10 Fashion Mistakes Aging You! - YouTube](#): I don't understand wanting to look younger than you are. If you want to wear the latest ... Duration: 10:53 Posted: Sep 20, 2024
 - [Fashion: How To Dress Well In Your Thirties | The Journal - Mr Porter](#): Turning 30? Say goodbye to the fashion faux pas of your twenties and embrace a wardrobe that reflects your newfound wisdom and ...
 - [In my late 30's, want to dress stylishly but classically. What should I ...](#): I have a very classic style for work and now in my late 30s tend to mix phase eight, mint Velvet and Oliver Bonas with Nero giardini (shoes), co'cuture, ...
 - [Fashion in the thirties. - Modern Mrs Darcy](#): I started buying cardigans and scarves. Wearing for fun accessories and shoes. Yes, shoes. But I also started becoming more aware of where my clothes come from ...

- [How to Dress in Your 30s for Your Most Confident Decade Yet - Byrdie](#): Keep reading for 10 tips for dressing in your 30splus, stylish picks to try ASAP. A great pair of jeans: A black blazer: A pair of white ...

“Greatest works in sciences after age 30”

- [Age and Genius: Why the Late 30s Are the Best Times for ...](#): The study examined the ages and discoveries of Nobel Prize-winning scientists and inventors, and found that while true genius requires a lot of hard work early ...
- [Are there any scientists who started their career in their 30s ... - Quora](#): Einstein and Newton made their biggest contributions in their mid-20s. Richard Feynman was 24 when he began working on the Manhattan Project, ...
- [A person who has not made a great contribution to science before ...](#): A person who has not made a great contribution to science before the age of 30 will never do so. This is a quote from a Netflix series 3 Body Problems.
- [The Stroke of Genius Strikes Later in Modern Life | Live Science](#): While Einstein thought genius came early in life, say by age 30, new research suggests scientists are making their greatest contributions well into their 40s ...
- [Age & science: do scientists make their best discoveries during their ...](#): Alexander Fleming was 47 when he discovered penicillin, Andrew Wiles was 42 when he proved Fermat’s theorem and Luc Montagnier was 51 when he ...
- [Who Are Some Scientists Who Achieved Success Later in Life?](#): Some famous late-bloomer scientists include Charles Darwin, who didn’t publish his theory of evolution until he was 50 years old, and Alfred Russell Wallace.
- [Geniuses are getting older - Lindau Nobel Laureate Meetings](#): The average age of physicists who were awarded the Nobel Prize in later years was 37.2. The corresponding age for chemists is 40.2 and 39.9 for medical ...
- [Are You A Late Bloomer? The Careers Of Eminent Scientists Offer ...](#): According to new research, success over the course of a career isn’t necessarily a byproduct of age or early breakthroughs for scientists, at least.
- [Scientists over the age of 40 making most of the major breakthroughs](#): Ohio State University Scientists under the age of 40 used to make the majority of significant breakthroughs in chemistry, physics and medicine ...
- [Starting a Career in Science at Age 38? - Slashdot](#): Most scientists do their most progressive work / research when they are under 30 years old. This is because of the differences between fluid and ...

“Greatest works in technology after age 30”

- [Making a Career Change at 30: Top Tech Career Paths](#): It offers a blend of creative and technical work, making it an exciting career transition choice for individuals at 30. Data Analytics.
- [Which course should I do in IT at the age of 30? - Quora](#): And yes in this tech one can build own world. Ultimately, the best course for you will depend on your interests, skills, and career goals. You ...
- [35 too old to start in Tech industry? : r/cscareerquestions - Reddit](#): 35 I believe is an ideal age for a career switch. I will be going into a program soon for a career in tech. At 35 it is great because you have ...
- [What do people in tech do after age 30 - Software Engineering - Blind](#): What do people in tech do after age 30 ; Apple snoopcat 74 ; Microsoft mFCG87 111 ; IGT sleep4evr 83 ; Panasonic Avionics LazyWorker 60.
- [Exactly What You Need To Know To Break Into Tech After 30](#): Tech careers are growing rapidly, and there’s tons of opportunity! Don’t let your age stop you from getting the career you really want.
- [How I Switched Careers Into Tech With No Degree In My Mid 30's](#): When you’re 30+ years old, married with kids, it may seem impossible to change careers into tech without getting a degree and potentially ...

- [It's Never Too Late: Tips for Starting a Career in IT at 30 in the USA](#): It's never too late to start a career in IT. Get tips from Yellow Tail Tech for beginning your tech journey at 30 and pursue a rewarding career in the USA.
- [Can a person at age 30 move to the IT industry without any previous ...](#): One of my Indian friends joined IT company at 35 years of age, without any prior experience. No job done after graduation till 35 years of age.
- [How difficult is it to get a job in Tech if you are "older"? - Bogleheads](#): ... tech is one of the biggest culprits when it comes to age discrimination. 30 is up there, 40 is old, 60 is ancient. I would not count on ...
- [5 Tips for Starting Your Tech Career After the Age of 30 - Dice](#): Your best bet here is to learn a specific language and the major frameworks supporting it. Even then, you'll have to be really proficient.

“Greatest works in mathematics after age 30”

- [Do mathematicians achieve their best by age of 30? - Quora](#): Generally it is thought most mathematicians produce their best work before age 30. The Fields medal is the highest mathematics honor that can ...
- [Are Mathematicians Past Their Prime at 35? - Massey University](#): Paul Erdos, the most prolific mathematician ever, having published 1,500 papers, tried to prove as many theorems as possible as he aged, working essentially ...
- [r/math on Reddit: Is it possible and realistic for a 30 year old to ...](#): Tutor isn't so good for maths - it is sort of something you have to 'get' yourself. The best advice is get a school book, read the explanations ...
- [Great contributions to mathematics by older mathematicians \[closed\]](#): Post many examples of great mathematics created over the age of 30, the older the better. Bonus points for mathematicians whose best work ...
- [Major mathematical advances past age fifty - MathOverflow](#): Cliff Taubes (b. 1954) recently solved Weinstein conjecture, Gopal Prasad (b. 1945) has done multiple great things (separately with J-K. Yu, A.
- [physics - Making your mark by age 30?](#): Examples that you give show that usually the best achievement of top physicists are obtained before or around 30, and that there are exceptions.
- [Did any \(notable\) mathematicians start studying the subject later in ...](#): ... 30 you never will. Plenty of mathematicians do great work after 30, but almost all of them also did great work before. Hypnagogic_Jerk May ...
- [Learning Math as an Adult \(over the age of 30\) | Math Misery?](#): Well, here I am on this idyllic autumn Saturday debating if I should write a blog post, play some piano, or do a little bit of work for work ...
- [Early Career in Math: Why Peak Before 30? - Physics Forums](#): Ultimately, the age at which a mathematician makes a major breakthrough is not as important as the quality and impact of their work. Dec 17 ...
- [Age, Gender, and the Highest Award in Mathematics - Medium](#): One of the most pervasive myths of mathematics is that we do our best work when we are young; as Hardy wrote, mathematics, more than any ...

“Notable works in art and creators' ages post-30”

- [Successful artists who got their start after 25/30+ : r/ContemporaryArt](#): Kandinsky's career took in his forties. And Louise Bourgeois also became famous at a very old age.
- [The 25 Works of Art That Define the Contemporary Age](#): Three artists and a pair of curators came together at The New York Times to attempt to make a list of the era's essential artworks.
- [6 Artists Who Started \(Very\) Late In Life - Redbubble Blog](#): The master of American realism, Edward Hopper didn't sell a painting until his 30s, or even become noticed by anyone until his 40s. After the ...
- [Which artists, writers, musicians did their best work at a late age?](#): Many others post-30 and post-40 (Toni Morrison, George Eliot, J.K. Rowling...). Then there are the Prolifics, like James Michener, who

was ...

- [The Childhood Artworks of Famous Artists from Picasso to Dali | Artsy](#): Picasso, Dali, and Michelangelo were all painting by their early teens. Below are childhood works by seven now-famous artists, each offering a glimpse into the ...
- [25 Contemporary Artworks you need to see - Artsper Magazine](#): Here are 25 contemporary artworks that every art lover should know about, from the masterpieces of iconic artists to rising talents.
- [25 Artists from the 1500s to Include in Your Picture Study Time](#): Artists from the 1500s for picture study, including 25 options for studying a range of styles, nations, and movements.
- [It's Never Too Late: 20 Art-World Superstars Who Only Found ...](#): Consider these major figures, each of who took a winding path to art-world fame. Vincent van Gogh didn't go to art school until he was 27 years old.
- [30 Most Famous Paintings In Art History and their 2024 Resonance](#): From Leonardo da Vinci's enigmatic Mona Lisa to Pablo Picasso's revolutionary works, only a select few paintings have achieved global acclaim.
- [30 Most Famous Works of Art Everyone Should Know Part 2](#): We'll highlight the final 15 works on our list of 30 truly iconic pieces that everyone should know. From classic to contemporary, this informative lesson is a ... Show results with:ages

“Notable works in music and creators’ ages post-30”

- [Which artists, writers, musicians did their best work at a late age?:](#) Many others post-30 and post-40 (Toni Morrison, George Eliot, J.K. Rowling...). Then there are the Prolifics, like James Michener, who was ...
- [Rock/pop artists who have put out some of their best work later in life](#): Joe Strummer is known for his work with the Clash in the 70s and early 80s. He did little for 15 years then put out three excellent albums with the Mescaleros.
- [I want to hear from artists who started doing music over the age of 30 ...](#): I want to hear from artists who started doing music over the age of 30 and have managed to push forward independently and are now going to gigs and/or maybe ...
- [22 Musicians Who Made It After 30 - Ari's Take](#): Does age matter in music? Here are 22 musicians, including Sia, Rachel Platten, Bonnie Raitt, Louie Armstrong, who made it after the age of 30.
- [Famous After 30: 7 Artists Who Made It Big Later in Life - Billboard](#): Check out this list of major musicians who made a splash after their friends and family thought it was too late.
- [What composers were known for being at their best early...:](#) There are many composers (Beethoven, Janacek, J.Haydn) who many think wrote their best works in their last years.
- [6 Artists That Got Their Big Break after 30 - American Songwriter](#): From Debbie Harry to Sheryl Crow, these artists skyrocketed into fame after the age of 30 and went on to have enduring careers.
- [16 Singers & Musicians Who Started Late In Life - Music Gateway](#): Here are some singers who started later, becoming well-known and respected artists well beyond their mid-twenties.
- [Late Boomers: 8 Famous Musicians Who Started Out Later In Life](#): Here are eight famous musicians who prove that it's never too late to chase your dreams. Read on to learn some lesser-known facts about their journeys.
- [6 Artists Who Started \(Very\) Late In Life - Redbubble Blog](#): This list of artists, musicians and actors prove that it is never too late to begin a creative life. Missing: Notable creators'

“Notable works in fashion and creators’ ages post-30”

- [20 Famous Design Entrepreneurs Who Found Success After 30](#): These famous late bloomers in design have demonstrated that with determination, experience, and passion, success can come at any age.
 - [10 Designers Who Only Became Successful After Age 40](#):
1. Vera Wang
 2. Herb Lubalin
 3. David Carson
 4. Muriel Cooper
 5. Christian Dior
 6. George Nelson
 7. Alexey Brodovitch
 8. Giorgio Armani ...
- [The 25 Most Influential Postwar Women's Wear Collections](#): A group of fashion experts editors,

historians and a designer convened over Zoom to make a list of the clothes that shaped the world.

- [The Most Iconic Fashion Designers of the Last 100 Years](#): From Coco Chanel to Alexander McQueen, these designers all stand out in history as masters of taste and creativity.
- [19 Extremely Successful People Who Changed Careers After ...](#): Vera Wang was a figure skater and journalist before entering the fashion industry at age 40. Today she's one of the world's premier women's ...
- [8 Founders Who Started Businesses After 30 | CO- by US Chamber ...](#): Here are eight founders who used their seasoned professional experience and industry knowledge to begin successful businesses.
- [30 Most Influential Fashion Designers of All Time - 24/7 Wall St.](#): 30 Most Influential Fashion Designers of All Time 1. Alexander McQueen (1969-2010) 2. Betsey Johnson (b. 1942) 3. Calvin Klein (b. 1942) 4.
- [Fashion bloggers in their 30's you should know about in 2023 | Stylight](#): Your generation is full of successful entrepreneurs, cool mums, and seasoned fashionistas... probably not unlike you! Here are ten influencers in their 30s.
- [11 Designers Who Had Other Careers Before Fashion](#): Some of the most renowned designers pivoted to fashion after making a name for themselves in other fields.
- [Haute Couture Designers Through The Ages: The 1930's-50's \(Part 1\)](#): This was a fantastic period for couture as it allowed the development of simple, sophisticated clothes that relied on exquisite cutting and draping techniques. Show results with:30

“Notable works in sciences and creators’ ages post-30”

- [Are there any scientists who started their career in their 30s ... - Quora](#): Have there been any successful physicists or mathematicians who began their studies after the age of 30? Likely. A fellow grad student of mine ...
- [A person who has not made a great contribution to science before ...](#): A person who has not made a great contribution to science before the age of 30 will never do so. This is a quote from a Netflix series 3 Body Problems.
- [\[PDF\] Age and Scientific Genius - Kellogg School of Management](#): Einstein's theory of general relativity, perhaps his greatest contribution, came largely in his early to mid-30s. Copernicus completed his revolutionary theory ...
- [Age and Genius: Why the Late 30s Are the Best Times for ...](#): The study examined the ages and discoveries of Nobel Prize-winning scientists and inventors, and found that while true genius requires a lot of hard work ...
- [Greatest work of physicist done in their 20s? - Physics Forums](#): Many of the world's greatest physicists made their biggest breakthroughs in their 20s- Dirac, Einstein, Pauli, Heisenberg, and Bohr, for example.
- [List of centenarians \(engineers, mathematicians and scientists\)](#): List of centenarians (engineers, mathematicians and scientists) ; Henri Cartan, 19042008, 104 ; Hung-ta Chang, 19142016, 101 ; Chen Jingxiong, 19212022, 100 ...
- [Age and the Impact of Innovations - New Things Under the Sun](#): On average, the older is an active scientist/inventor, the more likely they are to be above average. This selection effect operates in opposition to the ...
- [Don't give up: Older people can have creative breakthroughs](#): Our ability to have a creative breakthrough does not diminish with age. It is our productivity and will to keep trying that decline, not our creative potential.
- [34 Famous Scientists Everyone Should Know - We Are Teachers](#): Breaking barriers and making discoveries, these are the famous scientists, from astronomers to paleontologists, you should know.
- [19 Extremely Successful People Who Changed Careers After ...](#): Jeff Bezos had a lucrative career in computer science on Wall Street and took on top roles at various financial firms before transitioning ... Show results with:creators'

“Notable works in technology and creators’ ages post-30”

- [The 30 Most Influential People in Tech - Forbes](#): I put together the following list describing in detail who is behind the most inspiring and innovative companies in tech.
- [10 Amazing Entrepreneurs Who Had Accomplished Nothing By Age ...](#): Proof that you don’t have to be a prodigy to succeed. Jack Dorsey, Twitter 30-years-old Tim Westergren, Pandora 35-years-old Jan Koum, ...
- [8 Founders Who Started Businesses After 30 | CO- by US Chamber ...](#): Here are eight founders who used their seasoned professional experience and industry knowledge to begin successful businesses.
- [Most Important Inventions of Last 30 Years, From Internet to iPhone](#): World-altering inventions like the internet and the iPhone have led to dozens of major technological breakthroughs in the last three decades.
- [1962-2022: A 60-Year Timeline of Events Technology Innovation](#): Technology changes in the past six decades have been astonishing. This chronological list of significant technology milestones with societal technology ...
- [19 Extremely Successful People Who Changed Careers After ...](#): Jeff Bezos had a lucrative career in computer science on Wall Street and took on top roles at various financial firms before transitioning ...
- [20 Life Changing Inventions from the last 100 years - London IP](#): 20 Groundbreaking Inventions from last 100 years 1. Computer 2. Smartphone 3. Electronic television 4. Compact Cassette tape 5. Microwave ...
- [Have we done our best creative work by 30?](#): Clear using 30 as an absolute milestone is a little churlish. As great things have been done by 31 and 32 year olds we must accept 30 as the mean.
- [Famous Entrepreneurs Who Achieved Success After Age 30](#): Martha Stewart, Martha Stewart Living Omnimedia, 41-years old J.K. Rowling, Harry Potter empire 32-years old Reid Hoffman, LinkedIn co- ...
- [History of technology | Evolution, Ages, & Facts - Britannica](#): History of technology, the development over time of systematic techniques for making and doing things. Show results with:post-

“Notable works in mathematics and creators’ ages post-30”

- [Great contributions to mathematics by older mathematicians \[closed\]](#): Andrew Wiles proved Fermat’s Last Theorem in his thirties. Post many examples of great mathematics created over the age of 30, the older the ...
- [Major mathematical advances past age fifty - MathOverflow](#): I do not know an instance of a major mathematical advance initiated by a man past fifty. If a man of mature age loses interest in and abandons mathematics, the ...
- [Timeline of mathematics - Wikipedia](#): This is a timeline of pure and applied mathematics history. It is divided here into three stages, corresponding to stages in the development of mathematical ...
- [Timeline of Mathematics - Mathigon](#): Travel through time and explore the greatest mathematicians and biggest mathematical discoveries in history.
- [The 100 Greatest Mathematicians - FabPedigree.com](#): The Greatest Mathematicians of the Past ranked in approximate order of “greatness.” To qualify, the mathematician must be born before 1930.
- [Have there been any successful physicists or mathematicians who ...](#): Eugene Ehrhart started publishing in mathematics in his 40s, and finished his PhD thesis at the age of 60. Marjorie Rice, an amateur ...
- [History of mathematics - Wikipedia](#): The ancient Romans used applied mathematics in surveying, structural engineering, mechanical engineering, bookkeeping, creation of lunar and solar calendars, ...
- [Late-blooming famous mathematicians? : r/math - Reddit](#): All of the mathematicians I come across (Godel and Tao, for example) who have proven significant results and are considered top ...
- [John von Neumann | Biography, Accomplishments, Inventions, & Facts](#): Von Neumann’s gift for applied mathematics took his work in directions that influenced quantum theory, automata theory, economics, and defense ...
- [7 Extraordinary Mathematicians Who Didn’t Study Mathematics at ...](#): A vast proportion of history’s most notable mathematicians have in fact skipped higher education, with much of their accomplishments and great discoveries.

How Was This Done?

Generated by [Michael L. Thompson](#) with OpenAI's GPT-4 (gpt-4o-mini).

- **Python-based Jupyter Lab Notebook:** The contents of this document were generated through coded prompting of **OpenAI's GPT-4** using the Python package [instructor](#) by Jason Liu.
 - Input: the text string “Do humans create their greatest works before the age of 30, after which they are significantly less impressive?”.
 - Output: this report as an R Markdown text file.
- **GPT-4 Plan Generation:** GPT-4 autonomously generated the query plan (using code based off of an [instructor](#) example).
- **GPT-4 Plan Execution:** GPT-4 then autonomously executed the plan, which involved the following:
 - writing search queries and initiating calls to [Serper \(Google Search API\)](#) for searching,
 - generating responses to the questions in the plan using the searches as context, and
 - creating all text in the Outline, Summary, and Sub-Propositions sections.
- **Python Report Generation:** The Python code then consolidated GPT-4 responses into an R Markdown text file.
- **Manual Rendering:** Manually, this section was written, the Query Plan Outline was re-formatted, and, via **RStudio**, the PDF document was rendered. A few miscellaneous manual formatting corrections were also done. No other content was manually generated or edited.