An adventurous trip to Singularity-7 Black Hole of Milky Way Galaxy.

Once upon a time, there was a young and adventurous human astronomer named Raja.

The Above picture :
Thousands of galaxies flood this near-infrared image of galaxy cluster SMACS 0723. High-resolution imaging from NASA's James Webb Space Telescope combined with a natural effect known as gravitational lensing made this finely detailed image possible.

Above image:
NASA's James Webb Space Telescope has spotted a multiply imaged supernova in a distant galaxy designated MRG-M0138. Two images of the supernova (circled) are seen in the Webb NIR Cam (Near-Infrared Camera) image above, but an additional supernova image is expected to become visible around 2035.

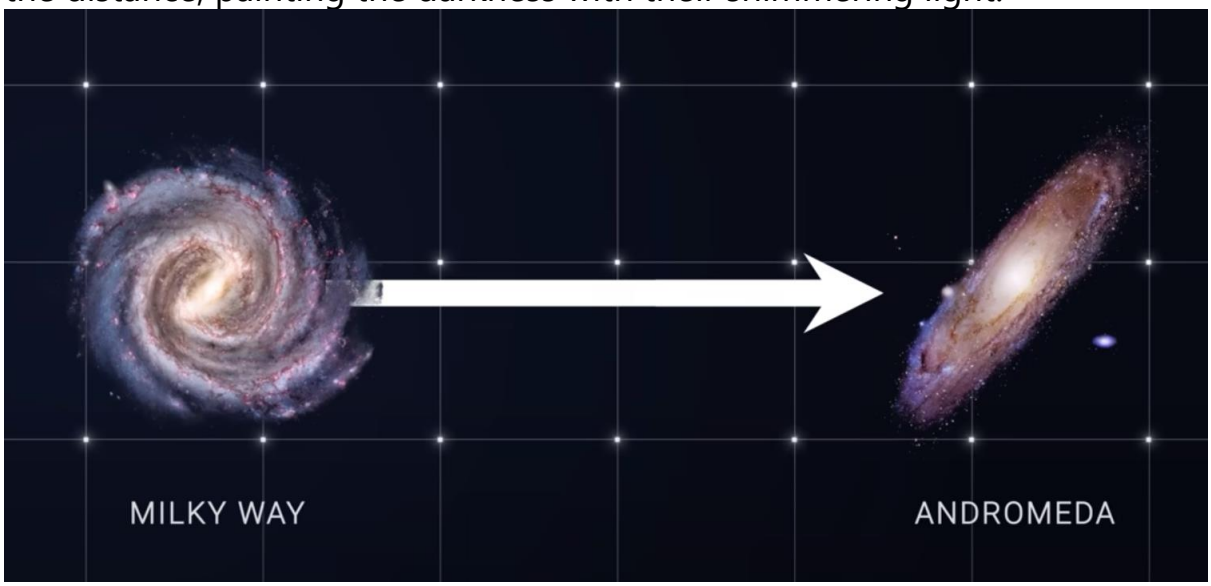
In this image blue represents light at 1.15 and 1.5 microns (F115W+F150), green is 2.0 and 2.77 microns (F200W+277W), and red is 3.56 and 4.44 microns (F356W + F444W).

His passion for the mysteries of the universe led him to embark on an extraordinary journey to a nearby black hole in the Milky Way Galaxy.

Above image: Milky Way Galaxy with its spiral gas and stardust tail.

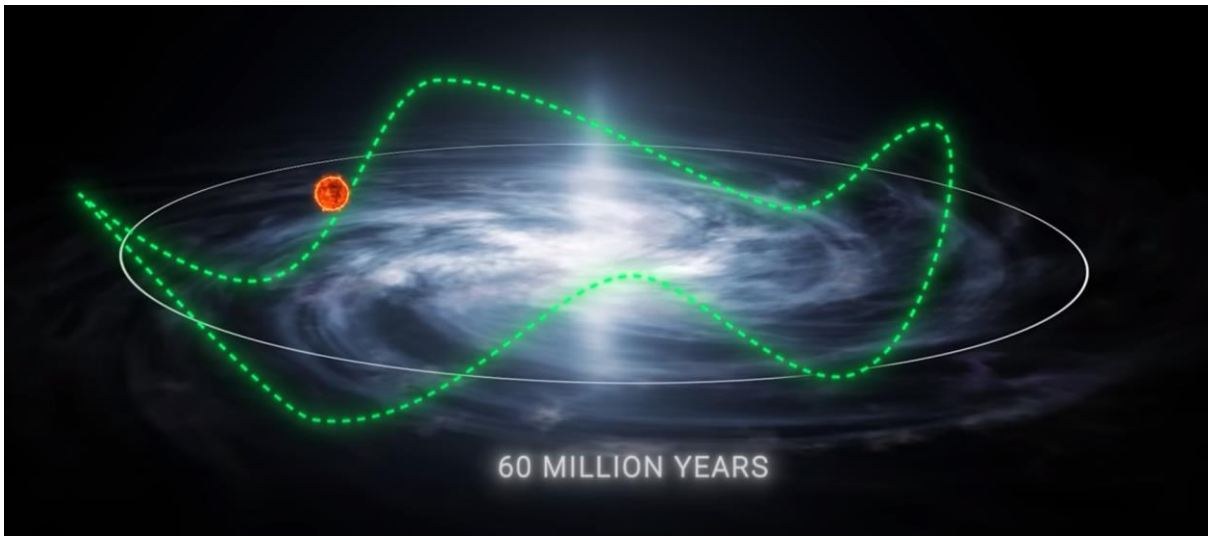
With his trustworthy spaceship, equipped with state-of-the-art technology, Raja set out on an expedition that would test his courage and push the boundaries of human exploration.

As Raja ventured deeper into space, he could not help but marvel at the vastness and beauty of the cosmos. Countless Galaxies and stars twinkled in the distance, painting the darkness with their shimmering light.

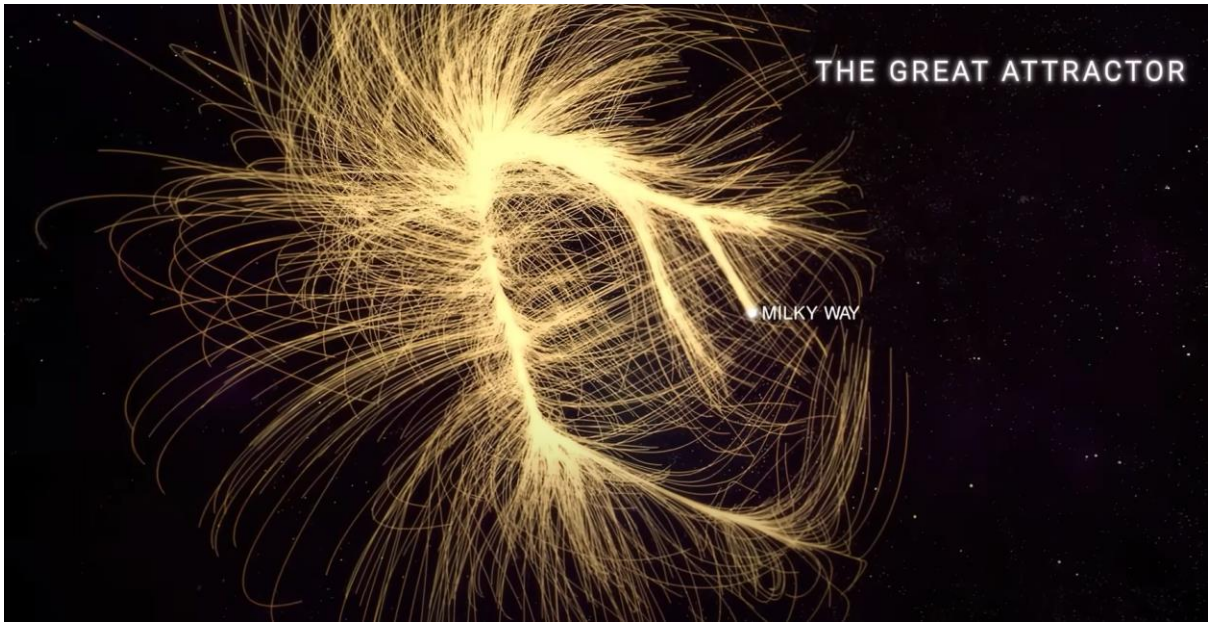


Above Image: Milky Way Galaxy moving towards others and Andromeda Galaxy.

The above image shows the Cluster or Group of 54 Clusters and the central Milky Way Galaxy.



The image shows our Star, the Sun along with its Solar system is going round the Centre of the Milky Way Galaxy in up & down way , completing the rotation every 60 Million years. The Sun observed to be moving forward at a speed of 3.1 Miles/ Sec; towards the Centre of the Galaxy at a radial speed of 5 Miles / Sec; Upwards from the average central disc of the galaxy at a speed of 4.4 miles/sec.



The above image shows all the group of Galaxies moving towards the mysterious Great Attractor, 153 Million Miles away at a speed of 373 Miles per Second (about 600 km / Second).

The above image shows all the space with the Galaxies EXPANDING at a tremendous speed and at some places at speeds more than that of light, c.

These towers of cosmic dust and gas make up part of the Eagle Nebula. These so-called Pillars of Creation are part of an active star-forming region within the nebula. Credits: NASA, ESA and the Hubble Heritage Team (STScI/AURA)

Nebulas danced like cosmic works of art, captivating his senses, and igniting his curiosity.

The image shows many Galaxies including our Milky Way Galaxy. All the galaxies are moving away from each other at an astonishing rate , because of the above Space Expansion.

Guided by his navigational instruments, Raja followed a carefully charted course that would take him to a black hole known as Singularity-7. It was revered among scientists for its uniqueness and was said to possess a gravitational force so powerful that it could warp space and time itself. Days turned into weeks, and weeks into months as Raja approached his destination. The anticipation grew within him, a mix of excitement and trepidation. He knew he was venturing into uncharted territory, where the laws of physics were pushed to their limits.

Finally, the moment arrived when Raja found himself at the edge of the event horizon of Singularity-7. The immense pull of gravity seemed to beckon him, like a siren's call. With a surge of determination, he piloted his spacecraft into the shadows, bracing himself for the unknown.

As Raja descended further into the black hole, the laws of physics distorted around him. Space and time became a swirling maelstrom of chaos. The colours of the universe distorted and merged, creating an otherworldly spectacle that both fascinated and terrified him.

The journey through the black hole felt like an eternity, yet Raja persevered, driven by his insatiable thirst for knowledge. He observed the intense gravitational forces warping the very fabric of reality, witnessing the birth and death of stars in a mesmerizing cosmic ballet.

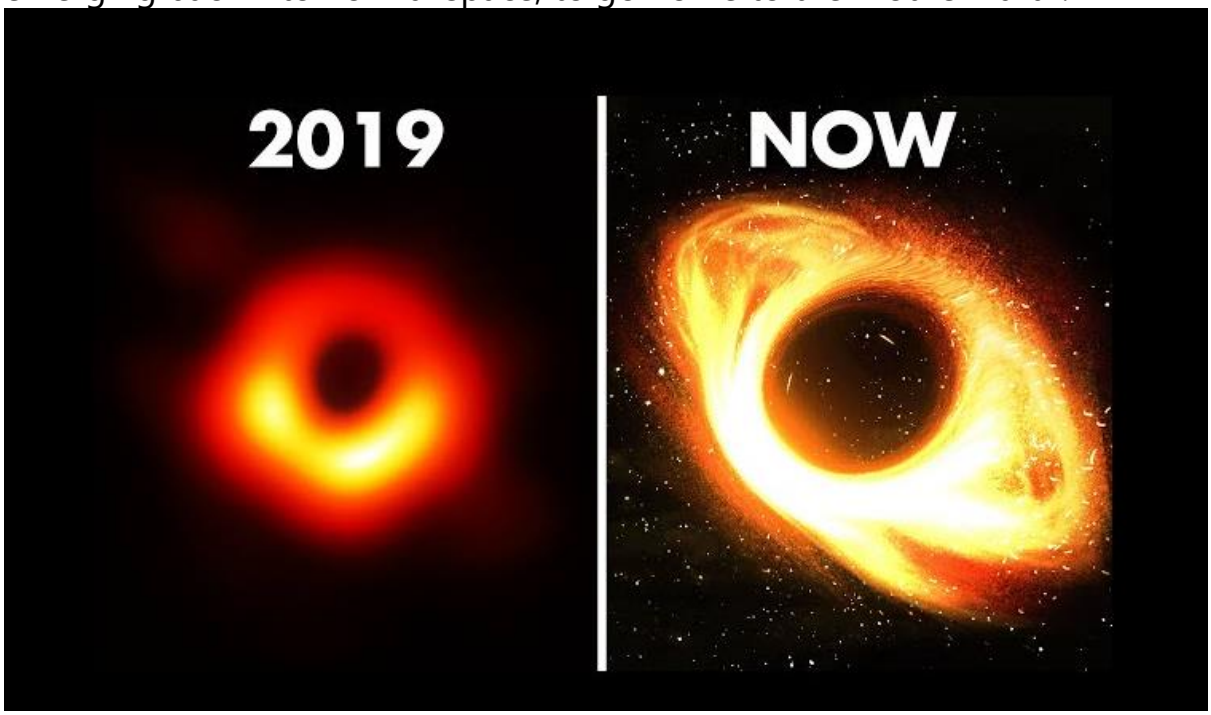
The above Image is of our Milky Way Galaxy !

Eventually, Raja reached the heart of the black hole, the singularity itself. Everything around him seemed to collapse into a point of infinite density, where the laws of physics broke down entirely. It was an awe-inspiring sight, a glimpse into the enigmatic nature of the universe.

Milky Way's Black Hole radiation, star dust and emissions !

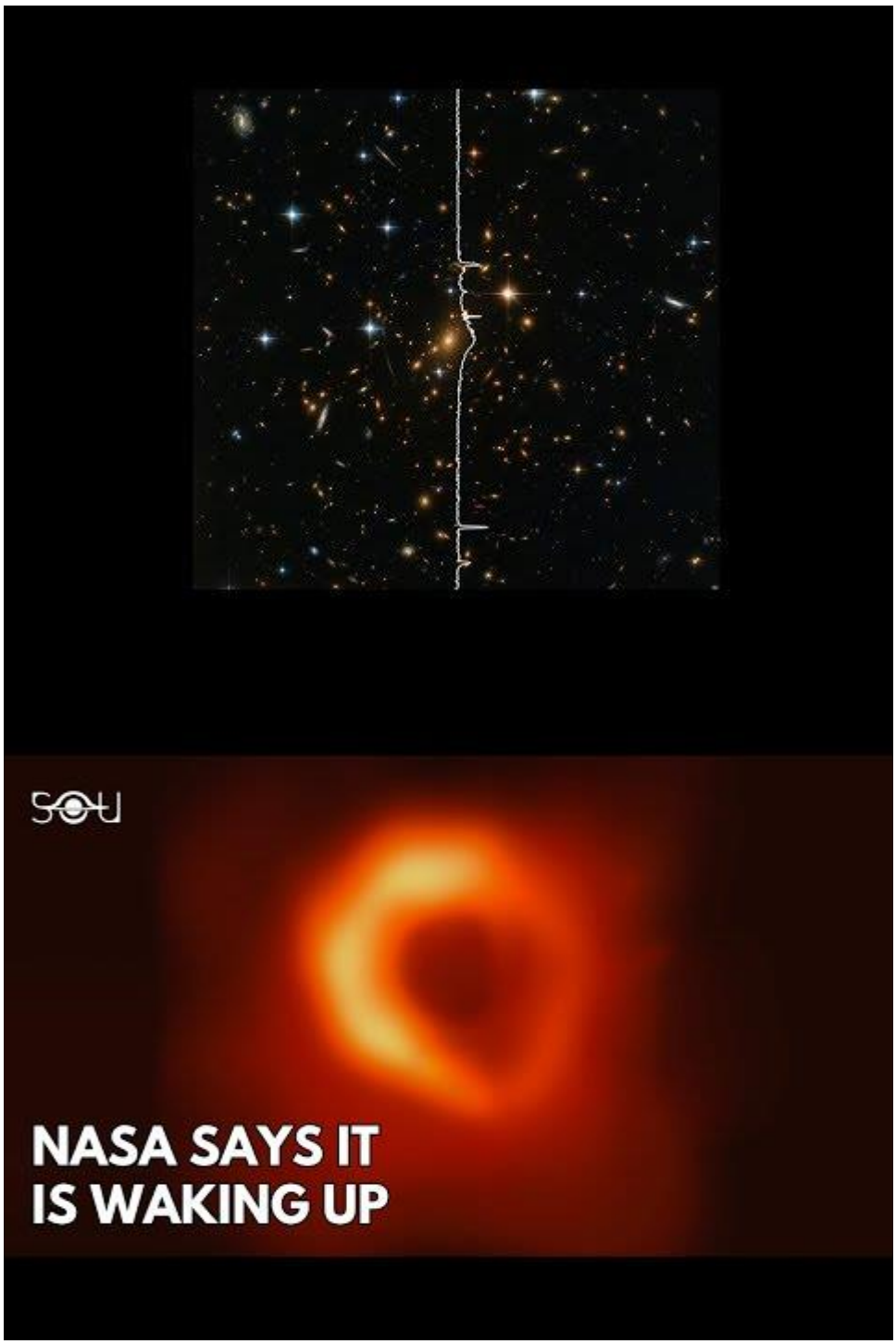
Light gets bent around the outside of the Black hole !

But just as Raja had entered the black hole, he knew that he had to leave soon for his life.
His ship's instruments warned him of the imminent danger posed by the extreme conditions.
With a heavy heart, he piloted his spacecraft out of the black hole's grasp, emerging back into normal space, to go home to the mother Earth.



Real Images of the Milky Way Galaxy.

Sonified Space light and radiations give creative music!



Web link :-- https://youtu.be/fKvibElLybg?si=7pIFsr62cD21ZG2H

His journey to the nearby black hole had not only expanded his understanding of the cosmos but also left him with a profound sense of humility and wonder.
From that day forward, Raja dedicated his life to unravelling the mysteries of the universe, sharing his knowledge and inspiring future generations of astronomers and all fellow human beings to research, develop and spread a broader understanding of nature.
Raja's Galactic Tour broadened his understanding of life & and matter as a normal natural phenomenon from stardust to black holes to stars like the solar system. This Galactic tour made Raja get humbler and treat every human being as equally representing humanity and life.
Raja witnessed enough violent starbursts, Asteroid hits and Radioactive explosions and fires to encourage peaceful debates and environment-friendly decisions for safeguarding Mother Earth, its soil, air, and water for all life on the unique lively Earth !

His story served as a reminder that the universe is a vast and wondrous place, waiting to be explored and understood by those brave enough to venture into the unknown and broaden their hearts and minds in a more empathetic peaceful manner respecting all fellow human beings.