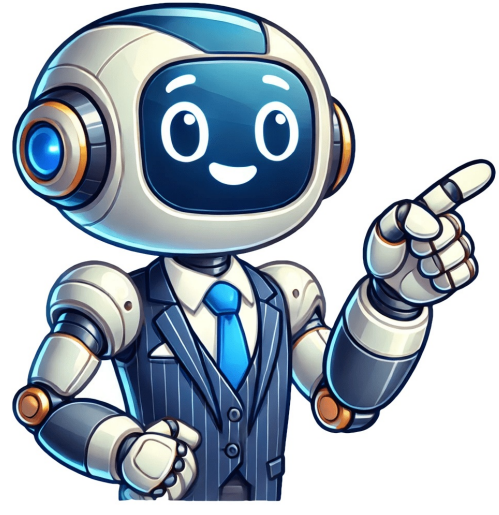


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Death of Sultan Babullah of Ternate. 1584-1585: After the siege of Antwerp, many of the mercenaries flee to Amsterdam. According to Luc-Normand Tellier, "At its peak, between 1510 and 1557, Antwerp concentrated about 40% of the world's trade. It is estimated that the port of Antwerp was earning the Spanish crown seven times more revenues than the Americas." [17] 1584: Ki Ageng Pemanahan died. Sultan Pajang raised Sutowijaya, son of Ki Ageng Pemanahan as the new ruler in Mataram, titled "Loring Ngabehi Market" (because of his home in the north of the market). 1585: Akbar annexes Kashmir and adds it to the Kabul SubahPortuguese fusta in India from a book by Jan Huygen van Linschoten 1585: Colony at Roanoke founded in North America. 1585-1604: The Anglo-Spanish War is fought on both sides of the Atlantic. 1587: Mary, Queen of Scots is executed by Elizabeth I. 1587: The reign of Abbas I marks the zenith of the Safavid dynasty. 1587: Troops that would invade Pajang Mataram Sultanate storm ravaged the eruption of Mount Merapi. Sutowijaya and his men survived. 1588: Mataram into the kingdom with Sutowijaya as Sultan, titled "Senapati Ingalaga Sayidin Panatagama" means the warlord and cleric Manager Religious Life. 1588: England repulses the Spanish Armada. 1589: Spain repulses the English Armada. 1589: Catherine de' Medici dies at aged 69. Abu'l-Fazl ibn Mubarak presenting Akbarnama to Mughal Azam Akbar, Mughal miniature 1590: Siege of Odawara: the Go-Hojo clan surrender to Toyotomi Hideyoshi, and Japan is unified. 1591: Gazi Giray leads a huge Tatar expedition against Moscow. 1591: In Mali, Moroccan forces of the Sultan Ahmad al-Mansur led by Judar Pasha defeat the Songhai Empire at the Battle of Tondibi. 1592-1593: John Stow reports 10,675 plague deaths in London, a city of approximately 200,000 people. 1592-1598: Korea, with the help of Ming dynasty China, repels two Japanese invasions. 1593-1606: The Long War between the Habsburg monarchy and the Ottoman Turks. 1594: St. Paul's College, Macau, founded by Alessandro Valignano. 1595: First Dutch expedition to Indonesia sets sail for the East Indies with two hundred and forty-nine men and sixty-four cannons led by Cornelis de Houtman.[18] 1596: Birth of René Descartes. 1596: June, de Houtman's expedition reaches Banten the main pepper port of West Java where they clash with both the Portuguese and Indonesians. It then sails east along the north coast of Java losing twelve crew to a Javanese attack at Sidayu and killing a local ruler in Madura.[18] 1597: Romeo and Juliet is published. 1597: Cornelis de Houtman's expedition returns to the Netherlands with enough spices to make a considerable profit.[18] 1598: The Edict of Nantes ends the French Wars of Religion. 1598: Abbas I moves Safavids capital from Qazvin to Isfahan in 1598. 1598-1613: Russia descends into anarchy during the Time of Troubles. 1598: The Portuguese require an armada of 90 ships to put down a Solorese uprising.[12] (to 1599) 1598: More Dutch fleets leave for Indonesia and most are profitable.[18]Edo period screen depicting the Battle of Sekigahara 1598: The province of Santa Fe de Nuevo México is established in Northern New Spain. The region would later become a territory of Mexico, the New Mexico Territory in the United States, and the US State of New Mexico. 1598: Death of Toyotomi Hideyoshi, known as the unifier of Japan. 1599: The Mali Empire is defeated at the Battle of Jenné. 1599: The van Neck expedition returns to Europe. The expedition makes a 400 per cent profit.[18] (to 1600) 1599: March, Leaving Europe the previous year, a fleet of eight ships under Jacob van Neck was the first Dutch fleet to reach the 'Spice Islands' of Maluku.[18] 1600: Giordano Bruno is burned at the stake for heresy in Rome.Siege of Filakovo castle during the Long Turkish War 1600: Battle of Sekigahara in Japan. End of the Warring States period and beginning of the Edo period. 1600: The Portuguese win a major naval battle in the bay of Ambon.[19] Later in the year, the Dutch join forces with the local Htuese in an anti-Portuguese alliance, in return for which the Dutch would have the sole right to purchase spices from Hitu.[19] 1600: Elizabeth I grants a charter to the British East India Company beginning the English advance in Asia. 1600: Michael the Brave unifies the three principalities: Wallachia, Moldavia and Transylvania after the Battle of Selimbăr from 1599. For later events, see Timeline of the 17th century. Polybius' The Histories translated into Italian, English, German and French.[20] Mississippian culture disappears. Medallion rug, variant Star Ushak style, Anatolia (modern Turkey), is made. It is now kept at the Saint Louis Art Museum. Hernan Cortes (1485-1547) Henry VIII, (1491-1547) King of England and Ireland Don Fernando Álvarez de Toledo (1507-1582) Suleiman the Magnificent, Sultan of the Ottoman Empire (1520-1566) Ivan IV the Terrible (1530-1584) Oda Nobunaga (1534-1582) Sir Francis Drake (c. 1540 - 1596) Alberico Gentili, (1552-1608) the Father of international law Philip II of Spain, King of Spain (1556-1598) Akbar the Great, Mughal emperor (1556-1605) Related article: List of 16th century inventions. The Columbian Exchange introduces many plants, animals and diseases to the Old and New Worlds. Introduction of the spinning wheel revolutionizes textile production in Europe. The letter J is introduced into the English alphabet. 1500: First portable watch is created by Peter Henlein of Germany.The Iberian Union in 1598, under Philip II, King of Spain and Portugal 1513: Juan Ponce de León sights Florida and Vasco Núñez de Balboa sights the eastern edge of the Pacific Ocean. 1519-1522: Ferdinand Magellan and Juan Sebastián Elcano lead the first circumnavigation of the world. 1519-1540: In America, Hernando de Soto expeditions map the Gulf of Mexico coastline and bays. 1525: Modern square root symbol (√) 1540: Francisco Vázquez de Coronado sights the Grand Canyon. 1541-42: Francisco de Orellana sails the length of the Amazon River. 1542-43: Firearms are introduced into Japan by the Portuguese. 1543: Copernicus publishes his theory that the Earth and the other planets revolve around the Sun 1545: Theory of complex numbers is first developed by Gerolamo Cardano of Italy. 1558: Camera obscura is first used in Europe by Giambattista della Porta of Italy. 1559-1562: Spanish settlements in Alabama/Florida and Georgia confirm dangers of hurricanes and local native warring tribes. 1565: Spanish settlers outside New Spain (Mexico) colonize Florida's coastline at St. Augustine. 1565: Invention of the graphite pencil (in a wooden holder) by Conrad Gesner. Modernized in 1812. 1568: Gerardus Mercator creates the first Mercator projection map. 1572: Supernova SN 1572 is observed by Tycho Brahe in the Milky Way. 1582: Gregorian calendar is introduced in Europe by Pope Gregory XIII and adopted by Catholic countries. c. 1583: Galileo Galilei of Pisa, Italy identifies the constant swing of a pendulum, leading to development of reliable timekeepers. 1585: earliest known reference to the 'sailing carriage' in China. 1589: William Lee invents the stocking frame. 1591: First flush toilet is introduced by Sir John Harrington of England, the design published under the title 'The Metamorphosis of Ajax'. 1593: Galileo Galilei invents a thermometer. 1596: William Barents discovers Spitsbergen. 1597: Opera in Florence by Jacopo Peri. Entertainment in the 16th century ^ a b Modern reference works on the period tend to follow the introduction of the Gregorian calendar for the sake of clarity; thus NASA's lunar eclipse catalogue states "The Gregorian calendar is used for all dates from 1582 Oct 15 onwards. Before that date, the Julian calendar is used." For dates after 15 October 1582, care must be taken to avoid confusion of the two styles. ^ de Vries, Jan (14 September 2009), "The limits of globalization in the early modern world". The Economic History Review. 63 (3): 710-733. CiteSeerX 10.1.1.186.2862. doi:10.1111/j.1468-0289.2009.00497.x. JSTOR 40929823. S2CID 219969360. SSRN 1635517. ^ Singh, Sarina; Lindsay Brown; Paul Clammer; Rodney Cocks; John Mock (2008). Pakistan & the Karakoram Highway. Vol. 7, illustrated. Lonely Planet. p. 137. ISBN 978-1-74104-542-0. Retrieved 23 August 2010. ^ Babur (2006). Babur Nama. Penguin Books. p. vii. 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An Encyclopedia of World History (5th ed. 1973); highly detailed outline of events online free Media related to 16th century at Wikimedia Commons Timelines of 16th century events, science, culture and persons Retrieved from " 4 The following pages link to 16th century External tools (link count transclusion count sorted list) - See help page for transcluding these entries Showing 50 items. View (previous 50 | next 50) (20 | 50 | 100 | 250 | 500)Bagpipes (links | edit) List of decades, centuries, and millennia (links | edit) Fashion (links | edit) Giovanni Boccaccio (links | edit) History of Mali (links | edit) History of Mauritius (links | edit) Post office (links | edit) Snare drum (links | edit) Republican Party (United States) (links | edit) 20th century (links | edit) 15th century (links | edit) 17th century (links | edit) 18th century (links | edit) 1624 (links | edit) 1626 (links | edit) 1642 (links | edit) 1661 (links | edit) 1608 (links | edit) 1492 (links | edit) 14th century (links | edit) 1st century (links | edit) 13th century (links | edit) 4th century (links | edit) 12th century (links | edit) 11th century (links | edit) 1564 (links | edit) 1648 (links | edit) 1572 (links | edit) 1623 (links | edit) 1662 (links | edit) 1490s (links | edit) 1640s (links | edit) 1597 (links | edit) 1690 (links | edit) 1688 (links | edit) 7th century (links | edit) 10th century (links | edit) 9th century (links | edit) 8th century (links | edit) 6th century (links | edit) 5th century (links | edit) 3rd century (links | edit) 2nd century (links | edit) 1573 (links | edit) 1570s (links | edit) 1574 (links | edit) 1436 (links | edit) 1476 (links | edit) 1542 (links | edit) 1540s (links | edit) View (previous 50 | next 50) (20 | 50 | 100 | 250 | 500) Retrieved from " WhatLinksHere/16th. century" Updated August 1, 2023 Profitability Index Formula (Table of Contents) The Profitability Index is a measure firms use to determine the relationship between the costs and benefits of doing a proposed project. Here's the Profitability Index formula - Profitability Index = PV of Future Cash Flows / Initial Investment Let's take an example to understand the calculation of the Profitability Index formula in a better manner. Example #1 Let's take the example of Project A, whose cash flows are depicted below: - Formula to calculate Profitability Index is: Profitability Index = PV of Future Cash Flows / Initial Investment Profitability Index = (Net Present Value + Initial Investment) / Initial Investment First, we calculate Net Present Value Then, we calculate Profitability Index Profitability Index = (\$21148.13 + \$300000) / \$30000 Profitability Index = \$1.70 Example #2 Let's take an example of Reliance which a s Project X whose cash flows are depicted below: - Formula to calculate Profitability Index is: Profitability Index = PV of Future Cash Flows / Initial Investment Profitability Index = (Net Present Value + Initial Investment) / Initial Investment First, we calculate Net Present Value Then, we calculate Profitability Index Profitability Index = (\$17.49 + \$50 million) / \$50 million Profitability Index = \$1.35 Explanation of Profitability Index Formula Firms use the profitability index to determine the relationship between costs and benefits for a proposed project. They utilize this measure to rank projects based on the value created per investment unit. Present Value of Future Cash Flows - The concept of the time value of money is used to determine the present value of future cash inflows for the project. When discounting, we consider that \$1 received in the future is not equal to \$1 today, and therefore, we must use a proper discounting factor to determine the value of future \$1 today. Initial Investment - It is the initial capital outlay for the project. This is the beginning outlay, and we do not consider other outlays at different project points as an initial investment. Relevance and Uses of Profitability Index Formula As stated, Profitability Index = PV of future cash flows / Initial Investment. This can be further broken down into: - Profitability Index = (Net Present Value + Initial Investment) / Initial Investment So based on the above formula: - If the profitability index is > 1, then the company should proceed with the project as it generates value for the company. If the profitability index is < 1, then the company should not proceed with the project as it destroys value for the company. If the profitability index is = 1, then the company should be indifferent to proceeding with the project since it does not create additional value for the company or destroys value. This measure can be used to determine which project should be done. If there are multiple projects, the project with the highest profitability index should be chosen. This is called a benefit-cost ratio when limited capital and projects are mutually exclusive. This differs from accepting the project with the highest Net Present Value. The basis of comparing projects with only the Net Present Value does not take into account what is the initial investment. Profitability Index compares the Net Present Value reached with the initial investment and shows the most accurate representation of the usage of company assets. There are certain advantages and disadvantages of using the Profitability Index to decide which project to proceed. Advantages: - The PI index can indicate whether the project can create or destroy value for the company. The PI index considers the time value of money and the risk of cash inflows in the future and discounts it with a cost of capital. When there is a need for capital rationing, the PI index is useful for ranking projects. Disadvantages: - The PI index requires the cost of capital, which is generally difficult to estimate. There is ambiguity in results for mutually exclusive projects if initial investments are different. Profitability Index Formula Calculator You can use the following Profitability Index Calculator. Profitability Index = PV of Future Cash Flows = Initial Investment Conclusion Firms use the Profitability Index to determine the relationship between costs and benefits for a proposed project. If a company has limited capital and faces multiple mutually exclusive projects, it must choose the project with the highest profitability index. This is because projects with a profitability index greater than one generate value for the company. In contrast, those with a profitability index of less than one indicate that the project destroys value for the company. Recommended Articles This has been a guide to the Profitability Index formula. Here we discuss How to Calculate the Profitability Index along with practical examples. We also provide Profitability Index Calculator with a downloadable Excel template. You may also look at the following articles to learn more -