The term "data science" has been traced back to 1974, when Peter Naur proposed it as an alternative name to computer science. In 2003, Columbia University launched The Journal of Data Science. The professional title of "data scientist" has been attributed to DJ Patil and Jeff Hammerbacher in 2008. Jeff Wu used the term "data science" for the first time as an alternative name for statistics. In 2003, Columbia University launched The Journal of Data Science. Data science, on the other hand, is a more complex and iterative process that involves working with larger, more complex datasets that often require advanced computational and statistical methods to analyze. The term "data science" has been traced back to 1974, when Peter Naur proposed it as an alternative name to computer science. Data scientists often work with unstructured data such as text or images and use machine learning algorithms to build predictive models and make data-driven decisions. As such, it incorporates skills from computer science, statistics, information science, mathematics, data visualization, information visualization, data sonification, data integration, graphic design, complex systems, communication and business. They work at the intersection of mathematics, computer science, and domain expertise to solve complex problems and uncover hidden patterns in large datasets. The professional title of "data scientist" has been attributed to DJ Patil and Jeff Hammerbacher in 2008. In 2015, the American Statistical Association identified database management, statistics and machine learning, and distributed and parallel systems as the three emerging foundational professional communities. Big data is a related marketing term. Big data is a related marketing term. Vasant Dhar writes that statistics emphasizes quantitative data and description. F. F. Data analysts typically use statistical methods to test these hypotheses and draw conclusions from the data. In 2003, Columbia University launched The Journal of Data Science. F. In 1996, the International Federation of Classification Societies became the first conference to specifically feature data science as a topic. As such, it incorporates skills from computer science, statistics, information science, mathematics, data visualization, information visualization, data sonification, data integration, graphic design, complex systems, communication and business. The professional title of "data scientist" has been attributed to DJ Patil and Jeff Hammerbacher in 2008. In 1996, the International Federation of Classification Societies became the first conference to specifically feature data science as a topic. The modern conception of data science as an independent discipline is sometimes attributed to William S.