How **Larry Page and Sergey Brin** Shaped Data Science and the Internet

Hello everyone,

Today, I'd like to talk about two people who changed the internet forever and helped lay the foundations for the field of data science: Larry Page and Sergey Brin. Their journey is a story of how big ideas, fueled by data, can make a huge difference.

Larry and Sergey met at Stanford University in 1995. Both were passionate about solving the major problem of the time: organizing all the information available on the internet. They realized that to make information truly accessible, they needed a system that could rank websites based on their relevance and importance. Together, they created a unique tool called the PageRank system, which used data to measure how "important" each website was based on links from other pages. This approach was one of the earliest examples of using data science to handle massive amounts of information and to find meaningful patterns in it.

In 1998, they launched Google—a search engine that quickly became the world's favorite because it delivered accurate results through data-driven insights. But Larry and Sergey's vision didn't stop there. Over the years, Google expanded far beyond just a search engine, venturing into various fields such as YouTube for video sharing, Android for mobile devices, and Google Maps for navigation. Each of these services was built to make information and tools available to people, often using data science to understand and respond to users' needs. For example, Google uses data science techniques like predictive models to personalize ads based on people's past searches, showing them what they're most likely to find interesting.

In 2015, Larry and Sergey reorganized Google into a new company called Alphabet. This allowed them to take on even more ambitious projects, like self-driving cars with Waymo and health research through Verily. These projects also rely on data science and machine learning to drive innovation and improve people's lives.

Larry Page and Sergey Brin didn't just transform how we search for information online—they helped build the field of data science. By using data to solve problems and develop new tools, they set the foundation for technology that still shapes our lives today. Their story is a powerful reminder of how curiosity and data can work together to solve big challenges and leave a lasting impact on the world.