**Infrastructure in technology** refers to the combined components necessary for the operation and management of enterprise IT services and environments. [It encompasses hardware, software, and facilities that support data flow, storage, processing, and analysis](https://www.tech.gov.sg/media/technews/new-year-new-tech-skills) [1](https://www.tech.gov.sg/media/technews/new-year-new-tech-skills)[2](https://www.cio.com/article/221812/8-free-online-course-sites-for-growing-your-tech-skills.html)[3](https://www.coursera.org/articles/free-it-certifications).

Here are **five free tech learning resources** where you can explore and expand your knowledge:

1. **AI Singapore Student Outreach Programme**: This initiative promotes AI literacy and proficiency among students, offering three levels of learning. [Participants gain programming skills and practical experience in AI projects, earning industry-recognized certificates](https://www.tech.gov.sg/media/technews/new-year-new-tech-skills) [1](https://www.tech.gov.sg/media/technews/new-year-new-tech-skills).
2. **SkillsFuture@NS Learning eXperience Platform**: Designed for full-time national servicemen (NSFs), this platform provides free unlimited access to over 75,000 online courses. [Topics include Python programming, machine learning, management training, and digital photography](https://www.tech.gov.sg/media/technews/new-year-new-tech-skills) [1](https://www.tech.gov.sg/media/technews/new-year-new-tech-skills).
3. **Coursera**: Coursera offers numerous free courses, some from renowned universities. [Learn about machine learning, game theory, COVID-19 contact tracing, microeconomics, and more](https://www.tech.gov.sg/media/technews/new-year-new-tech-skills) [1](https://www.tech.gov.sg/media/technews/new-year-new-tech-skills)[3](https://www.coursera.org/articles/free-it-certifications).
4. **General Assembly**: Explore General Assembly’s free resources, which cover various tech topics. [Enhance your skills in web development, data science, and other relevant areas](https://www.tech.gov.sg/media/technews/new-year-new-tech-skills) [1](https://www.tech.gov.sg/media/technews/new-year-new-tech-skills).
5. [**TechTarget**: Visit TechTarget for comprehensive definitions and insights related to IT infrastructure and other tech concepts](https://www.tech.gov.sg/media/technews/new-year-new-tech-skills) [2](https://www.cio.com/article/221812/8-free-online-course-sites-for-growing-your-tech-skills.html).

Remember, these resources can help you build a strong foundation in tech without spending a dime! 🌟