Certainly! **Amplitude** in tech refers to the **strength or volume of a signal**, often measured in decibels. [It represents the **power** carried by the signal, with greater amplitude indicating higher energy1](https://www.pcmag.com/encyclopedia/term/amplitude). Here are **five free resources** where you can learn more about tech topics:

1. **AI Singapore Student Outreach Programme**: This initiative promotes AI literacy and proficiency among students. It offers three levels of learning, equipping participants with programming skills and practical experience in AI projects. [Completion of level three earns an industry-recognized certificate and a Google professional machine learning engineer certificate](https://www.pcmag.com/encyclopedia/term/amplitude)[2](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.pcmag.com/encyclopedia/term/amplitude)[2](https://www.tech.gov.sg/media/technews/new-year-new-tech-skills).
3. **Coursera**: Coursera offers many courses for free, including offerings from renowned universities. [Learn about machine learning, game theory, COVID-19 contact tracing, microeconomics, and more](https://www.pcmag.com/encyclopedia/term/amplitude)[2](https://www.tech.gov.sg/media/technews/new-year-new-tech-skills).
4. **General Assembly**: Explore General Assembly’s free resources to expand your tech knowledge. [They offer webinars, workshops, and tutorials on various tech-related subjects](https://www.pcmag.com/encyclopedia/term/amplitude)[2](https://www.tech.gov.sg/media/technews/new-year-new-tech-skills).
5. **Explore and Expand Your Knowledge**: Continuously seek out blogs, forums, and online communities related to tech. [Engage with fellow learners, ask questions, and stay updated on industry trends](https://www.pcmag.com/encyclopedia/term/amplitude)[2](https://www.tech.gov.sg/media/technews/new-year-new-tech-skills).

Remember, these resources can help you build a solid foundation in tech without spending a dime! 🌟👩‍💻📚