**Monitoring** in technology refers to the practice of collecting, processing, aggregating, and visualizing real-time quantitative data about a system. [In the context of an application, this measured data might include request counts, error counts, request latency, database query latency, and resource utilization1](https://www.prisma.io/blog/monitoring-best-practices-monitor5g08d0b).

Here are **five free reference links** where you can learn more about monitoring:

1. [**Complete Prometheus Monitoring Tutorial for Beginners**: This detailed guide covers how to get started with Prometheus in your Kubernetes cluster, including architecture, setup, and monitoring third-party apps](https://www.prisma.io/blog/monitoring-best-practices-monitor5g08d0b)[2](https://dev.to/techworld_with_nana/complete-prometheus-monitoring-tutorial-for-beginners-eoe).
   * [Prometheus Tutorial](https://dev.to/techworld_with_nana/complete-prometheus-monitoring-tutorial-for-beginners-eoe)
2. [**Google Cloud Monitoring Tutorials**: Learn about installing the Ops Agent using Ansible, monitoring SAP HANA metrics, and more using Google Cloud Monitoring](https://www.prisma.io/blog/monitoring-best-practices-monitor5g08d0b)[3](https://cloud.google.com/monitoring/tutorials).
   * [Google Cloud Monitoring Tutorials](https://cloud.google.com/monitoring/tutorials)
3. [**YouTube Playlist: Prometheus Monitoring Full Tutorial**: A series of videos explaining Prometheus monitoring, architecture, setup, and practical examples](https://www.prisma.io/blog/monitoring-best-practices-monitor5g08d0b)[4](https://www.youtube.com/playlist?list=PLy7NrYWoggjxCF3av5JKwyG7FFF9eLeL4).
   * [Prometheus Monitoring Full Tutorial](https://www.youtube.com/playlist?list=PLy7NrYWoggjxCF3av5JKwyG7FFF9eLeL4)
4. [**The New Stack: 10 Fundamental Principles of Effective Monitoring**: Explore essential monitoring principles, including insights on tools and strategies](https://www.prisma.io/blog/monitoring-best-practices-monitor5g08d0b)[5](https://thenewstack.io/the-10-fundamental-principles-of-effective-monitoring/).
   * [10 Fundamental Principles of Effective Monitoring](https://thenewstack.io/the-10-fundamental-principles-of-effective-monitoring/)
5. [**IGI Global Dictionary**: Understand the concept of **Technology Monitoring**, which identifies relevant technologies to support innovative services](https://www.prisma.io/blog/monitoring-best-practices-monitor5g08d0b)[6](https://www.igi-global.com/dictionary/technology-exploration-process/29532).
   * [Technology Monitoring Definition](https://www.igi-global.com/dictionary/technology-exploration-process/29532)

Remember to explore these resources to enhance your understanding of monitoring practices! 🚀