**Supplemental Videos and Reading for Chapter 3**

**Video Links:**

[The Difference Between Digitization, Digitalization, and Digital Transformation](https://www.youtube.com/watch?v=jU9br5C-wqI)

[Pulse Code Modulation (PCM) Analog to Digital Conversion](https://www.youtube.com/watch?v=HlGJ6xxbz8s)

[Images, Pixels, and RGB](https://www.youtube.com/watch?v=15aqFQQVBWU)

[Digital Compression explained by Aloe Blacc](https://www.youtube.com/watch?v=By30SCp-Tsw)

[What is SAN? Storage Area Networking Explained](https://www.youtube.com/watch?v=zEXSvhl5Zjc)

[What is a Data Center? Simply Explained](https://www.youtube.com/watch?v=PLhWIJbx3rM)

[What is a Data Warehouse?](https://www.youtube.com/watch?v=h7-PMFXUi7U)

[What is a Data Lake?](https://www.youtube.com/watch?v=LxcH6z8TFpI)

[What is Data Governance?](https://www.youtube.com/watch?v=BqdPuwvwPk4)

[Data Security: Protect Your Critical Data (or Else)](https://www.youtube.com/watch?v=N8xEgSe5RwE)

**Supplemental Readings:**

[What is Image Resolution?](https://smartframe.io/blog/what-is-image-resolution-everything-you-need-to-know/)

[Video Resolution](https://artlist.io/blog/video-resolution/)

[Data Compression](https://www.britannica.com/technology/data-compression)

[Big Data: What it is and Why it Matters](https://www.sas.com/en_us/insights/big-data/what-is-big-data.html)

[What is a Data Center?](https://www.checkpoint.com/cyber-hub/cyber-security/what-is-data-center/)

[What is a Storage Area Network?](https://www.ibm.com/topics/storage-area-network)

[Data Lake vs Data Warehouse](https://www.qlik.com/us/data-lake/data-lake-vs-data-warehouse)

[Data Governance: A Best Practices Framework for Managing Data Assets](https://www.cio.com/article/202183/what-is-data-governance-a-best-practices-framework-for-managing-data-assets.html)

[Data Security](https://www.imperva.com/learn/data-security/data-security/)