**Interview preparation**

**How to explain Data Science project explanation**

<https://www.youtube.com/watch?v=trrUVf1rs0I>

<https://www.youtube.com/watch?v=-mQkrH4-E8A>

<https://www.youtube.com/watch?v=CVUpXeplavY>

<https://www.youtube.com/watch?v=Pp90jv0ylAM>

<https://www.youtube.com/watch?v=dtWag57PRDk>

<https://www.youtube.com/watch?v=VC2BL_ChGeg>

**For Image Processing**

How to take preparation for deep learning

<https://www.youtube.com/watch?v=KlJe9h438_w>

Interview questions on CNN

<https://www.youtube.com/watch?v=9ZtpsRibgY8>

What is Neural network <https://www.youtube.com/watch?v=VhRtaziEWd4&list=PLeo1K3hjS3uu7CxAacxVndI4bE_o3BDtO&index=3>

<https://www.youtube.com/watch?v=ER2It2mIagI&list=PLeo1K3hjS3uu7CxAacxVndI4bE_o3BDtO&index=4>

Activation function

<https://www.youtube.com/watch?v=icZItWxw7AI&list=PLeo1K3hjS3uu7CxAacxVndI4bE_o3BDtO&index=8>

<https://www.youtube.com/watch?v=SXrXUqDjICA>

<https://www.youtube.com/watch?v=DDBk3ZFNtJc>

<https://www.youtube.com/watch?v=qVLQ9Cqm-ec>

Weights initialization

<https://www.youtube.com/watch?v=tMjdQLylyGI>

Cost and Lost Function

<https://www.youtube.com/watch?v=E1yyaLRUnLo&list=PLeo1K3hjS3uu7CxAacxVndI4bE_o3BDtO&index=11>

Dropout layer

<https://www.youtube.com/watch?v=lcI8ukTUEbo&list=PLeo1K3hjS3uu7CxAacxVndI4bE_o3BDtO&index=20>

<https://www.youtube.com/watch?v=XmLYl17DbbA>

Lasso and Ridge regression:

<https://www.youtube.com/watch?v=KapPZCurdsQ>

Convolutional neural network

<https://www.youtube.com/watch?v=zfiSAzpy9NM&list=PLeo1K3hjS3uu7CxAacxVndI4bE_o3BDtO&index=23>

Batch Normalization:

<https://www.youtube.com/watch?v=GVB2ALC1T8g>

<https://www.youtube.com/watch?v=a-oeqNshkeg>

<https://www.youtube.com/watch?v=DtEq44FTPM4>

<https://www.youtube.com/watch?v=wJ60luXn5Ns>

<https://www.youtube.com/watch?v=dXB-KQYkzNU>

Padding and Stride

<https://www.youtube.com/watch?v=oDAPkZ53zKk&list=PLeo1K3hjS3uu7CxAacxVndI4bE_o3BDtO&index=25>

Overfitting, Underfitting, Bias and Variance

<https://www.youtube.com/watch?v=BqzgUnrNhFM>

<https://www.youtube.com/watch?v=m5E6QxKFYlM>

<https://www.youtube.com/watch?v=B01qMFMAgUQ>

Performance matrix

<https://www.youtube.com/watch?v=5vqk6HnITko>

Computer vision roadmap

<https://www.youtube.com/watch?v=3SqFBYHwPuw>