

# **Information bottleneck with deep learning**

## **1. The Information Bottleneck Method**

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## **2. Deep Learning and Information Bottleneck Principle**

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## **3. Opening the black box of Deep Neural Networks via Information**

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## **4. On the information bottleneck theory of deep learning**

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## **5. Deep Variational Informational Bottleneck**

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## **6. Nonlinear Information Bottleneck**

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