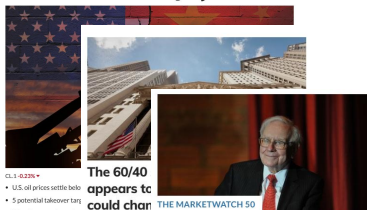


US	Europe	Asia	FX	Rates	Futures	Crypto
Asia Dow		3,337.50	-16.83	-0.50%		
Nikkei 225		32,166.48	-105.34	-0.33%		
Hang Seng		17,577.67	-92.49	-0.52%		
Shanghai		3,052.37	-4.90	-0.16%		
Sensex		65,022.65	80.25	0.12%		
Singapore		3,126.24	-47.57	-1.50%		

Series

News

Why oil prices just dropped to their lowest since July



**The 60/40 appears to could char**

- Why U.S. oil prices settle below
- 5 potential takeovers target
- What happened to solar
- Why Warren Buffett has done more to educate investors than any other corporate executive
- The AI market boom is real – and these are its 8 most influential players
- Who is having the most influence over your money in 2023? Meet the MarketWatch 50.

loss-1

Encoder

Generate

loss-2

Decoder

Transformer

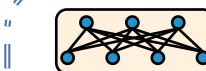
Fusion

LSTM

Softmax

$$p(y|x) = \frac{\exp(W_y \cdot x)}{\sum_{c=1}^C \exp(W_c \cdot x)}$$

loss-3



DBN



Hidden Layers



Embedding



Self-attention



Add&Norm



Transformer-block



Forward

$$\text{Loss} = \text{loss-1} + \text{loss-2} + \text{loss-3}$$

