```python
from statsmodels.tsa.arima.model import ARIMA

ar1 = ARIMA(udiff.values, order = (3, 0,1)).fit()
ar1.summary()
```

SARIMAX Results

Dep. Variable:	y	**No. Observations:**	522
Model:	ARIMA(3, 0, 1)	**Log Likelihood**	1131.553
Date:	Sun, 08 Jun 2025	**AIC**	-2251.105
Time:	17:22:15	**BIC**	-2225.559
Sample:	0	**HQIC**	-2241.100
	- 522		
Covariance Type:	opg		

	coef	std err	z	P>|z|	[0.025	0.975]
const	0.0040	0.002	2.345	0.019	0.001	0.007
ar.L1	0.1259	0.337	0.373	0.709	-0.536	0.787
ar.L2	-0.0770	0.101	-0.765	0.444	-0.274	0.120
ar.L3	0.1140	0.058	1.958	0.050	-0.000	0.228
ma.L1	0.1562	0.340	0.459	0.646	-0.510	0.822
sigma2	0.0008	4.79e-05	15.993	0.000	0.001	0.001

Ljung-Box (L1) (Q):	0.00	**Jarque-Bera (JB):**	0.00
Prob(Q):	0.98	**Prob(JB):**	1.00
Heteroskedasticity (H):	0.75	**Skew:**	-0.01
Prob(H) (two-sided):	0.06	**Kurtosis:**	3.00