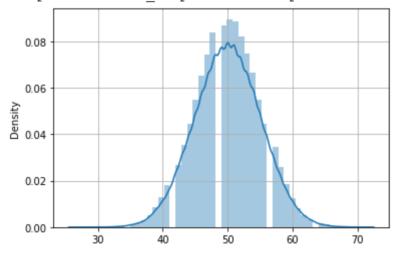
▼ Fair or unfair coin?

```
# Plot PDF of Binomial(100, 0.5)
X = stats.binom.rvs(n=100, p=0.5, size=100000)
plt.grid()
sns.distplot(X)
```

/usr/local/lib/python3.7/dist-packages/seaborn/distributions.py:2619: FutureWarnings.warn(msg, FutureWarning)

<matplotlib.axes. subplots.AxesSubplot at 0x7fd257cb9110>



Double-click (or enter) to edit

```
## 2-sided and 1 sided test
```

 $k=64 \ \#39 \ \#59$ print(1-stats.binom.cdf(k, n=100, p=0.5))

0.0017588208614850442

✓ 0s completed at 23:55

×