

Observations

- Using $H_0 = 67.8$, apparently used by NED
- Used radius of 6795.3 arcsec for HyperLeda data, but 60 arcmin for NED (maximum allowed)
 - ↳ Tried using astroquery, which timed out → tried increasing timeout in astroquery config, but server stops sending data anyways
- Found nearby objects in cone in HyperLeda by constraining redshift and finding angular distance through

$$\theta = \arccos [\sin \delta_A \sin \delta_B + \cos \delta_A \cos \delta_B \cos (\alpha_A - \alpha_B)]$$

- Downloaded HyperLeda database using query:

```
SELECT pgc,objname,al2000,de2000,v,modz FROM meandata WHERE objtype='G'
```

Results

HyperLeda

- SDSSJ084232.62+141717.7
- UGC04550
- PGC024469
- NGC2648
- SDSSJ084226.86+142533.3

NED

- WISEA J084744.57+132528.7
- SDSS J084744.77+132448.7
- HaDots 106
- SDSS J084744.18+132604.7
- UZC-CG 079
- USGC U191