| sat sun mon tue wed thu fri Dale / /                               |
|--|
| Defining probability:  |
| P= # favourable events  All possible events equally literly events |
| probability of 2 appearing on a die of six face!                   |
| P(h) = 1/2 probability   |
| Two paradigms of probability                                       |
| probability of a two on the die if it was shakuni                  |
| prob of Modiji had tea in the morning                              |
| Frequentist, (no past) Bayesian (depends)  Notea  Notea ta         |
| Sunvises 4 1 (based on prior)                                      |
|  |

What is the grob that sun rises tomorrow? Bagesian approach - calculates prior Frequentisti: Gets sample, long frequency distributions, parameters fixed what is the probability of a two on die? Try throwing die lok times, count distributions Bayesian: wait, this dude cheated previously with a die which are always blased. Hence 2 would We to assess prior for this die. So he ask for the gay for past distribution. probability