week-S
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- Devision tree ID3
tilly of allow the governor and substituted a filmer was to mark
import numpy as of the standard water
import pandas as Pd
df = Pd. read cov ('vri')
dy head ()
ab. infoll
do discribed
dub find - entropy (db):
target = dr. ky ()[-1]
yentropy = 0 miles all and the year
value = de Itarget I unique ()
for value in values:
Prourion = of [+arget]. Value courts (] [rabel]
12m (df [t conget])
entropy + = brawion + rup logz (brantion)
netorn entropy
dy buildtree (db, tree=hone):
+ august = at reys () [-1]
made = land winner (ab)
att up. unique (db[node])
it tree is none:
tr. 0 - 1 24
mar de Enode 2 = (3 x) est mont of con
Lar Malue in atti
sub= get - subtable let hade valuel
ductive, court = up- unique (subtable [target]
getorn-iounts = True
is sen (cours)==1:
Glen Coours 1= 1.
he that I tratue I = value Eo I
Use: -
tree Enode] Evalue 7 - buildtree (subtable)

