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# Package Structure

hora

!- horoscope

!- horoscope.py - horoscope class

!- chart - chart package

!- arudhas.py - arudhas, argala, virodhargal

!- ashtavarga.py - ashtavarga, trikona sodhana, ekadhipatya\_sodhana, sodhaya pinda

!- charts.py - divisional charts, planet combustion, retrograde

!- house.py - aspects, drishti,stronger planets/raasi, kaarakas

!- yoga.py - 100+ yogas

!- raja\_yoga.py - raja\_yoga and its sub-types

!- dhasa - dhasa package

!- ashtottari.py - ashtottari dhasa-bhuthi

!- drig.py - drigdhasa-bhuthi

!- kalachakra.py - kalachakra dhasa-bhuthi

!- moola.py - moola dhasa-bhuthi

!- mudda.py - mudda dhasa-bhuthi

!- narayana.py - narayana dhasa-bhuthi

!- nirayana.py - nirayana dhasa-bhuthi

!- patyayini.py - patyayini dhasa-bhuthi

!- shoola.py - shoola dhasa-bhuthi

!- sudasa.py - sudasa dhasa-bhuthi

!- sudharsana\_chakra.py - sudharsana\_chakra dhasa-bhuthi

!- vimsottari.py - vimsottari dhasa-bhuthi

!- match - marriage compatibility package

!- compatibility.py - marriage compatibility

!- transit - tajaka package

!- tajaka.py - annual, monthly and 60 hour charts, muntha, vargeeya balas, tajaka lord

!- tajaka\_yoga.py - tajaka yogas

!- saham.py - 36 sahams

# Compatibility - Class and Functions

## Import

import os

import string

import numpy as np

import pandas as pd

## class Ashtakoota

To compute Marriage compatibility score Ashtakoota system based on boy and girl's birth star

@param boy\_nakshatra\_number: boy's nakshatra\_list number [1 to 27]

@param boy\_paadham\_number: boy's nakshatra\_list paadham number [1 to 4]

@param girl\_nakshatra\_number: girl's nakshatra\_list number [1 to 27]

@param girl\_paadham\_number: girl's nakshatra\_list paadham number [1 to 4]

### Methods

### varna\_porutham()

To compute varna koota / Varna Porutham for the given boy/girl birth star combination

Returns the score in the range [0..3]

### vasiya\_porutham()

To compute vasya koota / vasiya porutham for the given boy/girl birth star combination

Returns the score in the range [0.5,0,5,1.0,2.0]

### nakshathra\_porutham()

To compute dina / tara koota / nakshathra porutham for the given boy/girl birth star combination

Returns the score in the range [0, 1.5, 3.0]

### gana\_porutham()

To compute gana koota / Gana Porutham for the given boy/girl birth star combination

Returns the score in the range [0, 1, 5, 6]

### yoni\_porutham()

To compute yoni koota / Yoni Porutham for the given boy/girl birth star combination

Returns the score in the range [0..4]

### raasi\_adhipathi\_porutham()

To compute maitri koota / Raasi adhipathi porutham for the given boy/girl birth star combination

Returns the score in the range [0, 0.5, 1.0, 3.0, 4.0, 5.0]

### raasi\_porutham()

To compute bahut koota / Raasi Porutham for the given boy/girl birth star combination

Returns the score in the range [0 or 7]

### naadi\_porutham()

To compute naadi koota for the given boy/girl birth star combination

Returns the score in the range [0 or 8]

### mahendra\_porutham()

To compute mahendra porutham for the given boy/girl birth star combination

Returns the score as True or False

### vedha\_porutham()

To compute vedha porutham for the given boy/girl birth star combination

Returns the score as True or False

### rajju\_porutham()

To compute rajju porutham for the given boy/girl birth star combination

Returns the score as True or False

### sthree\_dheerga\_porutham()

To compute sthree dheerga porutham for the given boy/girl birth star combination

Returns the score as True or False

### compatibility\_score()

To computer total ashta koota score (sum of all eight porutham values)

Return score ranges from 0 to 36 in steps of 0.5

@return returns the following values as a list:

[varna\_porutham, vasiya\_porutham, gana\_porutham, nakshathra\_porutham,

yoni\_porutham, raasi\_adhipathi\_porutham, bahkut\_porutham, naadi\_porutham,

compatibility\_score,

mahendra\_porutham,vedha\_porutham,rajju\_porutham,sthree\_dheerga\_porutham]

## class Match

### Parameters

boy\_nakshatra\_number : int = None

boy\_paadham\_number : int = None

girl\_nakshatra\_number : int=None

girl\_paadham\_number : int=None

minimum\_score : float=18.0

check\_for\_mahendra\_porutham : bool=True

check\_for\_vedha\_porutham : bool=True

check\_for\_rajju\_porutham : bool=True

check\_for\_shreedheerga\_porutham : bool=True

### Methods

### get\_matching\_partners()