Lampiran Coding

Coding Algoritma K-NN

<?php

include\_once "../library/inc.connection.php";

include\_once "../library/inc.library.php";

// Baca Jam pada Komputer

date\_default\_timezone\_set("Asia/Jakarta");

error\_reporting(0);

?>

<?php

//$sql9 = mysql\_query("TRUNCATE TABLE jarak");

$sql9 = mysql\_query("TRUNCATE TABLE jarak\_k");

//$sql10 = mysql\_query("TRUNCATE TABLE tetangga\_terdekat");

$sqlk= mysql\_query("SELECT \* from nilai\_k");

$dtk = mysql\_fetch\_array($sqlk);

$nilai\_k=$dtk['nilai\_k'];

//1. Memanggil data Testing

$sql3u= mysql\_query("SELECT \* from testing order by id\_variabel desc");

$dt3u = mysql\_fetch\_array($sql3u);

$id\_testingu=$dt3u['id\_testing'];

$sql3= mysql\_query("SELECT \* from testing where id\_testing='$id\_testingu' order by id\_variabel asc");

while ($dt3 = mysql\_fetch\_array($sql3))

{

$tsid\_variabel[]=$dt3['id\_variabel'];

$tsid\_variabel2=$dt3['id\_variabel'];

$tsid\_atribut=$dt3['id\_atribut'];

$tsvalue[]=$dt3['value'];

$tsvalue2=$dt3['value'];

$sqlc2ts = mysql\_query("SELECT \* from atribut where id\_atribut='$tsid\_atribut' ");

$pts=mysql\_fetch\_array($sqlc2ts);

if(empty($pts))

{

echo "$tsid\_variabel2";

echo "$tsvalue2<br>";

$tsnilai[]=$tsvalue2;

}

else if (!empty($pts))

{

$sqlcts = mysql\_query("SELECT \* from atribut where id\_atribut='$tsid\_atribut' ");

while ($dtcts = mysql\_fetch\_array($sqlcts)) {

$tsbobot[]=$dtcts['bobot'];

$tsbobot2=$dtcts['bobot'];

$nama\_atribut=$dtcts['nama\_atribut'];

$tsnilai[]=$tsbobot2;

echo "$tsid\_variabel2";

echo "$tsbobot2<br>";

}

}

}

///////////////////

//2. Memanggil data Training

echo "training//////////////////////////////////////////<br>";

$sqla = mysql\_query("SELECT \* from training group by id\_training ");

while ($dta = mysql\_fetch\_array($sqla))

{

$id\_training=$dta['id\_training'];

$kelas=$dta['kelas'];

echo $id\_training;

echo "<br>";

$i=0;

$tjarak=0;

$sqlb = mysql\_query("SELECT \* from training where id\_training='$id\_training' ");

while ($dtb = mysql\_fetch\_array($sqlb)) {

$id\_variabel=$dtb['id\_variabel'];

$id\_atribut=$dtb['id\_atribut'];

$value=$dtb['value'];

$sqlc2 = mysql\_query("SELECT \* from atribut where id\_atribut='$id\_atribut' ");

$p=mysql\_fetch\_array($sqlc2);

if(empty($p))

{

$trnilai=$value;

}

else if (!empty($p))

{

$sqlc = mysql\_query("SELECT \* from atribut where id\_atribut='$id\_atribut' ");

while ($dtc = mysql\_fetch\_array($sqlc)) {

$bobot=$dtc['bobot'];

$nama\_atribut=$dtc['nama\_atribut'];

$trnilai=$bobot;

}

}

//3. perhitungan jarak antara training dan testing

$cjarak=($trnilai-$tsnilai[$i]);

$kjarak=pow($cjarak,2);

$tjarak=$tjarak+$kjarak;

$i=$i+1;

}

$jarak=sqrt($tjarak);

//. memasukkan hasil perhitungan jarak pada setiap datatraining ke tabel jarak.

$query = "INSERT INTO jarak (id\_training,jarak,kelas,id\_testing) VALUES('$id\_training','$jarak','$kelas','$id\_testingu')";

$hasil = mysql\_query($query);

}

?>

<?php

//

$i=1;

$queryq2 = mysql\_query("SELECT \* from jarak where id\_testing='$id\_testingu' order by jarak asc limit $nilai\_k");

while($rowq= mysql\_fetch\_array($queryq2))

{

$id\_trainingq=$rowq['id\_training'];

$jarakq=$rowq['jarak'];

$kelasq=$rowq['kelas'];

$queryq = "INSERT INTO jarak\_k (id\_training,jarak,kelas) VALUES('$id\_trainingq','$jarakq','$kelasq')";

$hasilq = mysql\_query($queryq);

}

?>

<?php

//4.memanggil 7 data dengan jarak terendah dari tabel jarak

$query = mysql\_query("SELECT min(kelas) as hasil from jarak\_k");

if(!$query){

die( mysql\_error() );

}

$i=1;

while($row = mysql\_fetch\_array($query))

{

$hasil=$row['hasil'];

$sql3= mysql\_query("SELECT \* from testing order by id\_variabel asc");

while ($dt3 = mysql\_fetch\_array($sql3))

{

$id\_testing=$dt3['id\_testing'];

$nama=$dt3['nama'];

}

$query = "INSERT INTO klasifikasi (id\_testing,hasil\_klasifikasi) VALUES ('$id\_testing','$hasil')";

$hasil = mysql\_query($query);

}

?>

<?php

header('Location:tabel\_klasifikasi.php');

?>

CODING PROSES LOGIN

<?php

include\_once "library/inc.connection.php";

include\_once "library/inc.library.php";

?>

<?php

error\_reporting(0);

// memanggil file koneksi.php

//include "../config/koneksi.php";

// membuat variable dengan nilai dari form

$username = $\_POST['username']; // variablenya = username, dan nilainya sesuai yang dimasukkan di input name=”username” tadi

$password = $\_POST['password']; // variable password, dan nilainya sesuai yang dimasukkan di input name=”password” tadi

// md5 ada sebuah fungsi PHP untuk engkripsi. misalnya admin jadi 21232f297a57a5a743894a0e4a801fc3. untuk lengkapnya, silahkan googling tentang md5

// proses untuk login

// menyesuaikan dengan data di database

$perintah = "select \* from user WHERE username = '$username' AND password = '$password' AND status\_admin = 'Aktif'";

$hasil = mysql\_query($perintah);

$row = mysql\_fetch\_array($hasil);

if ($row['username'] == $username AND $row['password'] == $password) {

session\_start(); // memulai fungsi session

$level=$row['level'];

$\_SESSION['username'] = $username;

$\_SESSION['level'] = $level;

header("location:admin/index.php"); // jika berhasil login, maka masuk ke file home.php

}

else {

echo "Gagal Masuk"; // jika gagal, maka muncul teks gagal masuk

header("location:index.php");

}

?>

PROSES LOGOUT

<?php

session\_start(); // memulai session

session\_destroy(); // menghapus session

header("location:index.php"); // mengambalikan ke form\_login.php

?>