

4. Hubungan antara power lengan dengan Jarak Luncur Satu Kayuhan Renang Gaya Dada.

No	Nama	X3	Y	X ²	Y ²	XY
1	Abdurrahman Al Anwari	308	359	94864	128881	110572
2	Ahsan Shibghotullah	339	367	114921	134689	124413
3	Aldivar Cahyo Santoso	334	362	111556	131044	120908
4	Aufa Zinda Fauzan	338	386	114244	148996	130468
5	Aulia Furqan Sufarnap	312	365	97344	133225	113880
6	Azzam Al Hanif	298	370	88804	136900	110260
7	Bambang Wicaksono	352	373	123904	139129	131296
8	Faiz Muhammad Al As'ady	324	368	104976	135424	119232
9	Fathur Rizky Edwar	364	357	132496	127449	129948
10	Hilman Abdurrahman	323	361	104329	130321	116603
11	Husni Mubarak Al Ghifari	318	355	101124	126025	112890
12	Imam Godly Alam	335	418	112225	174724	140030
13	Khalid Khaidar Dzar Al	316	385	99856	148225	121660
14	Muhammad Ilham	328	396	107584	156816	129888
15	Miftah Ramadhan	346	388	119716	150544	134248
16	Muhammad Al Jundi	332	374	110224	139876	124168
17	Muhammad Fakri	309	380	95481	144400	117420
18	Muhammad Fathan	336	406	112896	164836	136416
19	Ahmad Fida Abdullah	328	424	107584	179776	139072
20	Muhammad Hanif	298	376	88804	141376	112048
21	Mohammad Irfan Fanani	348	383	121104	146689	133284
22	Muhammad Reza A	325	388	105625	150544	126100
23	Norman Ahmad Rabbani	314	375	98596	140625	117750
24	Nur Muhammad Bagus	342	364	116964	132496	124488
25	Priyanala Luthan	326	382	106276	145924	124532
26	Randa Indra Rahman	338	419	114244	175561	141622
27	Yahya Ayash	316	393	99856	154449	124188
28	Muhammad Faizan Alfaj	334	372	111556	138384	124248
29	Ammar Muzhaffar	328	416	107584	173056	136448
30	Afif Nur Miftah	318	407	101124	165649	129426
31	Ares Azanski Hermanses	304	412	92416	169744	125248
32	Farid Rifki Sulistyawan	328	396	107584	156816	129888
33	Fauzan Adityo Ramadhan	324	418	104976	174724	135432
34	Hardrian Nobel	366	379	133956	143641	138714
35	Kevin Figli	343	372	117649	138384	127596

36	Mohammad Fadil	331	422	109561	178084	139682
37	Maruto Falah Maliki	362	420	131044	176400	152040
38	Mhd Filbert Musnal	332	417	110224	173889	138444
39	Mohammad Adil Ibrahim	324	396	104976	156816	128304
40	Muhammad Amin Rais	292	378	85264	142884	110376
41	Muhammad Fatih Fauzan	325	412	105625	169744	133900
42	Muhammad Ruhayat	334	415	111556	172225	138610
43	Ramandhika Surya	308	379	94864	143641	116732
44	Wan Isyraf Naufal	314	386	98596	148996	121204
Total		14414	17071	4734152	6642021	5593676

$$r_{xy} = \frac{n \sum XY - (\sum X)(\sum Y)}{\sqrt{\{n \sum X^2 - (\sum X)^2\} \{n \sum Y^2 - (\sum Y)^2\}}}$$

$$r_{xy} = \frac{(44).(5593676) - (14414)(17071)}{\sqrt{\{(44).(4734152) - (14414)^2\} \{(44).(6642021) - (17071)^2\}}}$$

$$r_{xy} = \frac{246121744 - 246061394}{\sqrt{\{(208302688) - (207763396)\} \{(292248924) - (291419041)\}}}$$

$$r_{xy} = \frac{60350}{\sqrt{\{539292\} \{829883\}}}$$

$$r_{xy} = \frac{135478}{\sqrt{447549262836}}$$

$$r_{xy} = \frac{135478}{668991,228}$$

$$r_{xy} = 0,0902$$