

2. Hubungan antara kekuatan otot lengan dengan Jarak Luncur Satu Kayuhan Renang Gaya Dada.

No	Nama	X1	Y	X ²	Y ²	XY
1	Abdurrahman Al Anwari	12	359	144	128881	4308
2	Ahsan Shibghotullah	13	367	169	134689	4771
3	Aldivar Cahyo Santoso	14	362	196	131044	5068
4	Aufa Zinda Fauzan	15	386	225	148996	5790
5	Aulia Furqan Sufarnap	12	365	144	133225	4380
6	Azzam Al Hanif	13	370	169	136900	4810
7	Bambang Wicaksono	22	373	484	139129	8206
8	Faiz Muhammad Al As'ady	15	368	225	135424	5520
9	Fathur Rizky Edwar	18	357	324	127449	6426
10	Hilman Abdurrahman	15	361	225	130321	5415
11	Husni Mubarak Al Ghifari	16	355	256	126025	5680
12	Imam Godly Alam	20	418	400	174724	8360
13	Khalid Khaidar Dzar	14	385	196	148225	5390
14	Muhammad Ilham Ramadhan	18	396	324	156816	7128
15	Miftah Ramadhan	18	388	324	150544	6984
16	Muhammad Al Jundi	13	374	169	139876	4862
17	Muhammad Fakri Mutahari	15	380	225	144400	5700
18	Muhammad Fathan Izzulislam	24	406	576	164836	9744
19	Ahmad Fida Abdullah	24	424	576	179776	10176
20	Muhammad Hanif	12	376	144	141376	4512
21	Mohammad Irfan Fanani	15	383	225	146689	5745
22	Muhammad Reza A	16	388	256	150544	6208
23	Norman Ahmad Rabbani	14	375	196	140625	5250
24	Nur Muhammad Bagus Satria	16	364	256	132496	5824
25	Priyanala Luthan	16	382	256	145924	6112
26	Randa Indra Rahman	23	419	529	175561	9637
27	Yahya Ayash	17	393	289	154449	6681
28	Muhammad Faizan Alfaj	20	372	400	138384	7440
29	Ammar Muzhaffar	21	416	441	173056	8736
30	Afif Nur Miftah	17	407	289	165649	6919
31	Ares Azanski Hermanses	18	412	324	169744	7416
32	Farid Rifki Sulistyawan	15	396	225	156816	5940
33	Fauzan Adityo Ramadhan	19	418	361	174724	7942

34	Hardrian Nobel	34	379	1156	143641	12886
35	Kevin Figli	22	372	484	138384	8184
36	Mohammad Fadil Wicaksono	32	422	1024	178084	13504
37	Maruto Falah Maliki	35	420	1225	176400	14700
38	Mhd Filbert Musnal	22	417	484	173889	9174
39	Mohammad Adil Ibrahim	24	396	576	156816	9504
40	Muhammad Amin Rais	23	378	529	142884	8694
41	Muhammad Fatih Fauzan	19	412	361	169744	7828
42	Muhammad Ruhayat Haririe	24	415	576	172225	9960
43	Ramandhika Surya Pradana	20	379	400	143641	7580
44	Wan Isyraf Naufal	12	386	144	148996	4632
Total		817	17071	16501	6642021	319726

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

$$r_{xy} = \frac{(44).(319726) - (817)(17071)}{\sqrt{\{(44).(16501) - (817)^2\} \{(44).(6642021) - (17071)^2\}}}$$

$$r_{xy} = \frac{14067944 - 13947007}{\sqrt{\{(726044) - (667489)\} \{(292248924) - (291419041)\}}}$$

$$r_{xy} = \frac{120937}{\sqrt{\{58555\} \{829883\}}}$$

$$r_{xy} = \frac{120937}{\sqrt{48593799065}}$$

$$r_{xy} = \frac{120937}{220440.012}$$

$$r_{xy} = 0,5486$$