

# Calculate geographical distance - repex

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## Contents

Example data

1

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Table 1: Example data

driver	ping_id	trip_id	ping_time	lon	lat
acot	1	100270801	2015-04-09 06:07:10	-76.83713	40.25155
acot	2	100270801	2015-04-09 06:21:58	-76.88723	40.30677
acot	3	100270802	2015-04-09 07:22:10	-76.89196	40.31367
acot	4	100270802	2015-04-09 07:37:00	-76.77749	40.10086
acot	5	100270802	2015-04-09 07:37:10	-76.77590	40.09850
acot	6	100270802	2015-04-09 07:44:56	-76.76687	40.07024
acot	7	100270803	2015-04-09 14:15:48	-76.76687	40.07024
acot	8	100270803	2015-04-09 14:21:32	-76.96172	39.82496
acot	9	100270803	2015-04-09 14:21:38	-76.96180	39.82505
acot	10	100270803	2015-04-09 14:22:10	-76.96185	39.82500
zima4	11	100171344	2015-04-01 05:05:10	-78.14930	35.57730
zima4	12	100171344	2015-04-01 05:20:00	-78.24092	35.48274
zima4	13	100171344	2015-04-01 05:20:10	-78.23736	35.48202
zima4	14	100171344	2015-04-01 05:35:00	-78.04237	35.41580
zima4	15	100171344	2015-04-01 05:35:12	-78.03932	35.41433
zima4	16	100171344	2015-04-01 05:50:00	-77.87508	35.32756
zima4	17	100171344	2015-04-01 05:50:12	-77.87191	35.32636
zima4	18	100171344	2015-04-01 06:05:00	-77.64818	35.26146
zima4	19	100171344	2015-04-01 06:05:12	-77.64657	35.26178
zima4	20	100171344	2015-04-01 06:20:00	-77.52239	35.22052