В столбцах – ид заказа, вес заказа (кг), расстояние от склада (в м), широта, долгота, начало временной рамки, конец рамки, время обслуживания

Координаты склада

lat=54.8557662;lon=83.0747375

расстояние между точками в км считаем приближенно

=КОРЕНЬ((B9-B6)^2+(C9-C6)^2)\*100000

грузоподъемность а/м 2500 кг

01.04.2014

Orders  
OrderID, OrderWeight, storeDistance, lat, lon, tStart, tEnd, tDuration  
519687,63.0,32415,54.6290283,83.3033065,16:00:00,19:00:00,00:03:00;  
514487,84.0,32925,54.6182098,83.2838058,18:00:00,20:00:00,00:03:00;  
524022,9.0,32968,54.6177177,83.2834777,17:00:00,20:00:00,00:03:00;  
523068,105.0,31725,54.6334877,83.2973632,18:00:00,20:00:00,00:03:00;  
519740,42.0,31280,54.638401,83.2995529,14:00:00,17:00:00,00:03:00;  
524740,121.0,31376,54.6389846,83.3038482,14:00:00,17:00:00,00:03:40;  
524023,84.0,31615,54.6367721,83.3039703,14:00:00,16:00:00,00:03:00;  
520937,42.0,30002,54.6616401,83.3274993,14:00:00,17:00:00,00:03:00;  
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524020,5.0,32828,54.6170463,83.2767181,14:00:00,17:00:00,00:03:00;  
525747,43.0,33003,54.6162757,83.2795715,14:00:00,17:00:00,00:03:00;  
525524,105.0,31376,54.6389846,83.3038482,18:00:00,20:00:00,00:03:00;  
521356,42.0,31418,54.6377677,83.3014907,14:00:00,15:30:00,00:03:00;  
521755,84.0,33723,54.6108589,83.2833557,08:00:00,18:00:00,00:03:00;  
523444,42.0,28535,54.6550521,83.2726669,18:00:00,20:00:00,00:03:00;  
525525,42.0,32469,54.6217269,83.2817077,17:00:00,20:00:00,00:03:00;  
521140,60.0,31260,54.6423072,83.3099975,09:00:00,16:00:00,00:03:00;  
522323,188.0,32189,54.6320075,83.3058319,14:00:00,19:00:00,00:03:00;  
519887,84.0,34384,54.6159629,83.3192443,15:00:00,18:00:00,00:03:00;  
525302,77.0,31964,54.6333465,83.3035812,09:00:00,17:00:00,00:03:20;  
523067,58.0,32700,54.6189308,83.2792892,14:00:00,16:00:00,00:03:00;  
525526,42.0,31725,54.6334877,83.2973632,14:00:00,17:00:00,00:03:00;  
520129,42.0,31964,54.635231,83.3089828,14:00:00,17:00:00,00:03:00;  
524417,0.0,31782,54.6400146,83.3173522,14:00:00,17:00:00,00:03:00;  
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524418,62.0,32131,54.632534,83.3057937,14:00:00,17:00:00,00:03:00;  
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524019,84.0,32628,54.6233062,83.2917175,14:00:00,17:00:00,00:03:00;  
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518461,36.0,32881,54.619255,83.2860031,17:00:00,20:00:00,00:03:00;  
523797,30.0,30704,54.6428565,83.2967376,09:00:00,17:00:00,00:03:00;  
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523798,82.0,30861,54.6449356,83.3067398,14:00:00,17:00:00,00:03:00;  
522322,42.0,32968,54.6182479,83.285263,14:00:00,17:00:00,00:03:00;  
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523799,42.0,33074,54.6150627,83.2775497,17:00:00,20:00:00,00:03:00;  
525303,84.0,32516,54.6280899,83.3033294,18:00:00,20:00:00,00:03:00;  
523796,80.0,32818,54.616703,83.275177,14:00:00,16:00:00,00:03:00;  
522887,4.0,31269,54.6404457,83.3050842,08:00:00,17:00:00,00:03:00;  
517109,84.0,33128,54.6170806,83.2862548,17:00:00,20:00:00,00:03:00;  
520738,216.0,31081,54.6419944,83.3044357,14:00:00,17:00:00,00:03:50;  
524480,40.0,31150,54.639244,83.2984542,14:00:00,16:00:00,00:03:00;  
523405,0.0,31201,54.6428565,83.3099594,18:00:00,20:00:00,00:03:00;  
525868,42.0,32769,54.6201286,83.2855072,18:00:00,20:00:00,00:03:00;  
523606,62.0,31280,54.638401,83.2995529,14:00:00,17:00:00,00:03:00;  
509946,36.0,33375,54.6151161,83.287178,14:00:00,18:00:00,00:31:45;  
521752,42.0,32804,54.6211433,83.2899246,18:00:00,21:00:00,00:03:00;  
525957,43.0,32596,54.6293754,83.3093414,16:00:00,19:00:00,00:03:00;  
520938,42.0,33505,54.6135787,83.2859573,17:00:00,20:00:00,00:03:00;  
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511854,48.0,32285,54.6249923,83.2869796,18:00:00,20:00:00,00:03:00;  
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522324,63.0,30755,54.6445884,83.3029937,14:00:00,20:00:00,00:03:00;  
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521754,89.0,32336,54.6253509,83.2896652,09:00:00,18:00:00,00:03:00;  
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525527,101.0,32965,54.6236763,83.3026351,14:00:00,16:00:00,00:03:00;  
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519888,0.0,32357,54.6334648,83.3145294,15:00:00,18:00:00,00:03:00;  
502380,84.0,33366,54.6148872,83.2861404,14:00:00,17:00:00,00:03:00;  
522886,5.0,31269,54.6404457,83.3050842,08:00:00,17:00:00,00:03:00;  
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521753,84.0,28260,54.6558799,83.2673416,09:00:00,18:00:00,00:03:00;  
524742,7.0,31376,54.6389846,83.3038482,14:00:00,17:00:00,00:03:00;  
524900,42.0,31639,54.6405563,83.3151245,17:00:00,20:00:00,00:03:00;  
523066,42.0,32046,54.6324348,83.3031616,14:00:00,18:00:00,00:03:00;  
519979,42.0,31280,54.638401,83.2995529,14:00:00,17:00:00,00:03:00;  
521141,0.0,31260,54.6423072,83.3099975,09:00:00,16:00:00,00:03:00;  
514941,84.0,32498,54.6217422,83.2826385,18:00:00,20:00:00,00:03:00;  
524021,81.0,32968,54.6177177,83.2834777,17:00:00,20:00:00,00:03:00;  
517532,63.0,32596,54.6293754,83.3093414,18:00:00,20:00:00,00:03:00;  
523625,38.0,31615,54.6367721,83.3039703,09:00:00,17:00:00,00:03:00;  
524901,50.0,31882,54.6341361,83.3036422,18:00:00,20:00:00,00:03:00;  
520189,103.0,28327,54.6552085,83.267189,14:00:00,18:00:00,00:03:00;  
519116,84.0,31655,54.6290359,83.2813491,16:00:00,19:00:00,00:03:00;  
525244,0.0,33468,54.6258811,82.826622,09:00:00,16:00:00,00:03:00;

07.05.14

Orders  
OrderID, OrderWeight, storeDistance, lat, lon, tStart, tEnd, tDuration  
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741564,40.0,25631,54.6721611,83.2420501,07:00:00,12:00:00,00:03:00;  
750154,93.0,25989,54.6675186,83.2373352,07:00:00,10:00:00,00:03:00;  
751680,85.0,32599,54.6278877,83.3050384,07:00:00,09:00:00,00:03:00;  
752504,42.0,30857,54.6428527,83.3008575,09:00:00,12:00:00,00:03:00;  
751679,93.0,32896,54.6180191,83.2822494,10:00:00,13:00:00,00:03:00;  
759395,79.0,31215,54.6400375,83.3024826,07:00:00,10:00:00,00:03:00;  
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753809,42.0,32208,54.6232376,83.2787704,12:00:00,15:00:00,00:03:00;  
760557,84.0,32981,54.6247138,83.3062286,14:00:00,16:00:00,00:03:00;  
755889,148.0,30827,54.6415596,83.2963256,09:00:00,16:00:00,00:03:00;  
759201,46.0,33033,54.6190567,83.2899551,09:00:00,17:00:00,00:03:00;  
750891,42.0,31226,54.6416893,83.307434,07:00:00,10:00:00,00:03:00;  
757592,8.0,30277,54.6567497,83.3224563,11:00:00,16:00:00,00:03:00;  
753807,42.0,32460,54.630207,83.3080139,07:00:00,10:00:00,00:03:00;  
757673,17.0,32512,54.6290473,83.3060531,08:00:00,14:00:00,00:03:00;  
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756245,42.0,31018,54.6429405,83.3053817,09:00:00,13:00:00,00:03:00;  
755890,104.0,28763,54.6580581,83.2876892,10:00:00,13:00:00,00:03:00;  
758638,42.0,32824,54.6252136,83.3033142,07:00:00,10:00:00,00:03:00;  
750896,93.0,31226,54.6416893,83.307434,07:00:00,09:00:00,00:03:00;  
755238,63.0,38878,54.5770072,83.3273468,12:00:00,15:00:00,00:03:00;  
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749284,84.0,39172,54.5757904,83.3321762,12:00:00,16:00:00,00:03:00;  
747586,42.0,39391,54.573738,83.3320159,12:00:00,16:00:00,00:03:00;  
761181,42.0,32607,54.6218681,83.2863922,07:00:00,15:00:00,00:03:00;  
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757386,9.0,32042,54.6333084,83.3055953,09:00:00,17:00:00,00:03:00;  
757206,84.0,31086,54.6434097,83.3084793,09:00:00,12:00:00,00:03:00;  
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753713,42.0,31307,54.638626,83.300949,07:00:00,13:00:00,00:03:00;  
750892,42.0,33684,54.6125106,83.2878417,08:00:00,11:00:00,00:03:00;  
753142,42.0,32201,54.6300468,83.3003692,14:00:00,18:00:00,00:03:00;  
758855,63.0,32300,54.6293182,83.3009719,07:00:00,09:00:00,00:03:00;  
573642,210.0,30199,54.6516685,83.3077087,08:00:00,11:00:00,00:03:00;  
755239,0.0,32773,54.6273803,83.3083724,09:00:00,12:00:00,00:03:00;  
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746583,42.0,33368,54.6144142,83.2845535,08:00:00,13:00:00,00:03:00;  
750703,84.0,33579,54.6136436,83.2884826,07:00:00,10:00:00,00:03:00;  
750894,90.0,31060,54.6412696,83.3018341,14:00:00,17:00:00,00:03:00;  
759200,17.0,30835,54.6446228,83.3052215,07:00:00,10:00:00,00:03:00;  
759893,42.0,32968,54.6182479,83.285263,11:00:00,14:00:00,00:03:00;  
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757385,113.0,32042,54.6333084,83.3055953,09:00:00,17:00:00,00:03:00;  
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745607,2.0,38766,54.5771179,83.3243408,14:00:00,17:00:00,00:03:00;  
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573643,126.0,30281,54.6492195,83.3032684,09:00:00,17:00:00,00:03:00;  
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756247,72.0,32299,54.6243019,83.2851486,07:00:00,10:00:00,00:03:00;  
750900,85.0,32334,54.6299858,83.3039016,08:00:00,11:00:00,00:03:00;  
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759017,84.0,30835,54.6446228,83.3052215,07:00:00,10:00:00,00:03:00;  
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741961,101.0,31447,54.6406135,83.3102798,08:00:00,11:00:00,00:03:00;  
746791,42.0,32300,54.6293182,83.3009719,10:00:00,13:00:00,00:03:00;  
755592,106.0,31725,54.6334877,83.2973632,07:00:00,10:00:00,00:03:00;  
754931,79.0,32451,54.6246681,83.2908782,09:00:00,12:00:00,00:03:00;  
756246,9.0,32299,54.6243019,83.2851486,07:00:00,10:00:00,00:03:00;  
755642,84.0,31456,54.6361427,83.2977752,09:00:00,16:00:00,00:03:00;  
754319,42.0,33145,54.6164207,83.2845153,09:00:00,12:00:00,00:03:00;  
757674,42.0,32512,54.6290473,83.3060531,08:00:00,14:00:00,00:03:00;  
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753806,42.0,31263,54.6414337,83.3076858,09:00:00,12:00:00,00:03:00;  
757591,5.0,30277,54.6567497,83.3224563,11:00:00,16:00:00,00:03:00;  
755156,2.0,32773,54.6273803,83.3083724,09:00:00,12:00:00,00:03:00;  
757934,84.0,32293,54.6303672,83.3039093,09:00:00,16:00:00,00:03:00;  
756091,49.0,39577,54.5707092,83.3275756,12:00:00,15:00:00,00:03:00;  
759202,30.0,32246,54.6255226,83.2875518,09:00:00,17:00:00,00:03:00;

14.05.2014

Orders  
OrderID, OrderWeight, storeDistance, lat, lon, tStart, tEnd, tDuration  
789501,42.0,32305,54.6333999,83.3129501,08:00:00,11:00:00,00:03:00;  
779845,44.0,39037,54.575344,83.3266525,12:00:00,15:00:00,00:03:00;  
620563,63.0,32054,54.6267814,83.2859115,09:00:00,16:00:00,00:03:00;  
787154,10.0,32850,54.6217803,83.2933807,07:00:00,10:00:00,00:03:00;  
789677,84.0,30757,54.644802,83.3036422,09:00:00,17:00:00,00:03:00;  
620562,126.0,30281,54.6492195,83.3032684,09:00:00,17:00:00,00:03:00;  
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786658,82.0,39055,54.5760192,83.3294372,12:00:00,16:00:00,00:03:00;  
792430,105.0,29068,54.6522827,83.2793045,14:00:00,17:00:00,00:03:00;  
620559,63.0,30798,54.6461639,83.3084335,14:00:00,17:00:00,00:03:00;  
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763517,294.0,33669,54.6131744,83.2896652,09:00:00,14:00:00,00:03:40;  
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