

Design Goals & Skyline Papers

Design Goals	Papers
G1: Explore the entire skyline from different perspectives and at different scales.	[1][2][3][4][5][6][7][8][9][10][13][14][16][17][19][21][22][23][25][26][28][32][33][35][36][37][38][41][42][43][44][45][46][49][50]
G2: Understand the superiority of skyline points.	[1][2][4][5][6][7][9][13][16][17][18][19][28][31][37][39][44][50]
G3: Compare skyline points and highlight their differences.	[3][5][6][7][8][10][16][17][18][19][25][27][28][29][30][31][32][35][43][45][46][48]
G4: Support an interactive exploration and refinement of skyline.	[3][11][12][14][15][20][21][22][23][24][25][26][27][29][30][32][34][35][36][37][38][39][40][41][42][47]

Paper Lists

- [1] Papadias, Dimitris, et al. "An optimal and progressive algorithm for skyline queries." Proceedings of the 2003 ACM SIGMOD international conference on Management of data. ACM, 2003.
- [2] Chan, Chee-Yong, et al. "On high dimensional skylines." International Conference on Extending Database Technology. Springer Berlin Heidelberg, 2006.
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- [4] Lin, Xuemin, et al. "Selecting stars: The k most representative skyline operator." Data Engineering, 2007. ICDE 2007. IEEE 23rd International Conference on. IEEE, 2007.
- [5] Tao, Yufei, et al. "Distance-based representative skyline." Data Engineering, 2009. ICDE'09. IEEE 25th International Conference on. IEEE, 2009.
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- [7] Gao, Yunjun, et al. "Finding the most desirable skyline objects." International Conference on Database Systems for Advanced Applications. Springer Berlin Heidelberg, 2010.
- [8] Zhang, Zhenjie, et al. "Discovering strong skyline points in high dimensional spaces." Proceedings of the 14th ACM international conference on Information and knowledge management. ACM, 2005.
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- [15] Tao, Yufei, Xiaokui Xiao, and Jian Pei. "Subsky: Efficient computation of skylines in subspaces." Data Engineering, 2006. ICDE'06. Proceedings of the 22nd International Conference on. IEEE, 2006.

- [16] Pei, Jian, et al. "Catching the best views of skyline: A semantic approach based on decisive subspaces." Proceedings of the 31st international conference on Very large data bases. VLDB Endowment, 2005.
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- [18] Vlachou, Akrivi, and Michalis Vazirgiannis. "Ranking the sky: Discovering the importance of skyline points through subspace dominance relationships." Data & Knowledge Engineering 69.9 (2010): 943-964.
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