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- [21] Koo, L., Tao, F. K., and Yeung, J. H. Preferential segmentation of restaurant attributes through conjoint analysis. *international Journal of Contemporary Hospitality management* 11, 5 (1999), 242–253.
- [22] Lee, C. C. Understanding negative reviews' influence to user reaction in restaurants recommending applications: An experimental study.
- [23] Lewis, R. C. Restaurant advertising-appeals and consumers intentions. *Journal of Advertising Research* 21, 5 (1981), 69–74.
- [24] Lian, D., Zhao, C., Xie, X., Sun, G., Chen, E., and Rui, Y. Geomf: joint geographical modeling and matrix factorization for point-of-interest recommendation. In *Proceedings of the 20th ACM SIGKDD international conference on Knowledge discovery and data mining*, ACM (2014), 831–840.
- [25] Liu, B., Fu, Y., Yao, Z., and Xiong, H. Learning geographical preferences for point-of-interest recommendation. In *Proceedings of the 19th ACM SIGKDD international conference on Knowledge discovery and data mining*, ACM (2013), 1043–1051.
- [26] Ma, H., Liu, C., King, I., and Lyu, M. R. Probabilistic factor models for web site recommendation. In *Proceedings of the 34th international ACM SIGIR conference on Research and development in Information Retrieval*, ACM (2011), 265–274.
- [27] Marsh, L. C., and Cormier, D. R. *Spline regression models*, vol. 137. Sage, 2001.
- [28] Nairn, A., and Berthon, P. Creating the customer: The influence of advertising on consumer market segments—evidence and ethics. *Journal of Business Ethics* 42, 1 (2003), 83–100.
- [29] Park, M.-H., Hong, J.-H., and Cho, S.-B. Location-based recommendation system using bayesian user's preference model in mobile devices. In *Ubiquitous Intelligence and Computing*. Springer, 2007, 1130–1139.
- [30] Purushotham, S., Liu, Y., and Kuo, C.-C. J. Collaborative topic regression with social matrix factorization for recommendation systems. *arXiv preprint arXiv:1206.4684* (2012).
- [31] Rendle, S., Freudenthaler, C., Gantner, Z., and Schmidt-Thieme, L. Bpr: Bayesian personalized ranking from implicit feedback. In *Proceedings of the Twenty-Fifth Conference on Uncertainty in Artificial Intelligence*, AUAI Press (2009), 452–461.
- [32] Shan, H., Banerjee, A., and Natarajan, R. Probabilistic tensor factorization for tensor completion.
- [33] Shashua, A., and Hazan, T. Non-negative tensor factorization with applications to statistics and computer vision. In *Proceedings of the 22nd international conference on Machine learning*, ACM (2005), 792–799.
- [34] Stevens, P., Knutson, B., and Patton, M. Dineserv: a tool for measuring service quality in restaurants. *The Cornell Hotel and Restaurant Administration Quarterly* 36, 2 (1995), 5–60.
- [35] Steyvers, M., and Griffiths, T. Probabilistic topic models. *Handbook of latent semantic analysis* 427, 7 (2007), 424–440.
- [36] Wallach, H. M. Topic modeling: beyond bag-of-words. In *Proceedings of the 23rd international conference on Machine learning*, ACM (2006), 977–984.
- [37] Wang, H., Wang, N., and Yeung, D.-Y. Collaborative deep learning for recommender systems. *arXiv preprint arXiv:1409.2944* (2014).
- [38] Ye, M., Yin, P., and Lee, W.-C. Location recommendation for location-based social networks. In *Proceedings of the 18th SIGSPATIAL International Conference on Advances in Geographic Information Systems*, ACM (2010), 458–461.
- [39] Ye, M., Yin, P., Lee, W.-C., and Lee, D.-L. Exploiting geographical influence for collaborative point-of-interest recommendation. In *Proceedings of the 34th international ACM SIGIR conference on Research and development in Information Retrieval*, ACM (2011), 325–334.
- [40] Yelkur, R., and Chakrabarty, S. Gender differences in service quality expectations in the fast food industry. *Services Marketing Quarterly* 27, 4 (2006), 141–151.
- [41] Yin, H., Sun, Y., Cui, B., Hu, Z., and Chen, L. Lcars: A location-content-aware recommender system. In *Proceedings of the 19th ACM SIGKDD international conference on Knowledge discovery and data mining*, ACM (2013), 221–229.
- [42] Yuan, N. J., Wang, Y., Zhang, F., Xie, X., and Sun, G. Reconstructing individual mobility from smart card transactions: A space alignment approach. In *Data Mining (ICDM), 2013 IEEE 13th International Conference on*, IEEE (2013), 877–886.
- [43] Yuan, N. J., Zhang, F., Lian, D., Zheng, K., Yu, S., and Xie, X. We know how you live: exploring the spectrum of urban lifestyles. In *Proceedings of the first ACM conference on Online social networks*, ACM (2013), 3–14.
- [44] Yüksel, A., and Yüksel, F. Market segmentation based on tourists's dining preferences. *Journal of Hospitality & Tourism Research* 26, 4 (2002), 315–331.
- [45] Zhang, J.-D., and Chow, C.-Y. igslr: personalized geo-social location recommendation: a kernel density estimation approach. In *Proceedings of the 21st ACM SIGSPATIAL International Conference on Advances in Geographic Information Systems*, ACM (2013), 334–343.
- [46] Zhang, T. Solving large scale linear prediction problems using stochastic gradient descent algorithms. In *Proceedings of the twenty-first international conference on Machine learning*, ACM (2004), 116.
- [47] Zheng, V. W., Zheng, Y., Xie, X., and Yang, Q. Collaborative location and activity recommendations with gps history data. In *Proceedings of the 19th international conference on World wide web*, ACM (2010), 1029–1038.
- [48] Zheng, Y., and Xie, X. Learning travel recommendations from user-generated gps traces. *ACM Transactions on Intelligent Systems and Technology (TIST)* 2, 1 (2011), 2.
- [49] Zhu, Y.-X., Huang, J., Zhang, Z.-K., Zhang, Q.-M., Zhou, T., and Ahn, Y.-Y. Geography and similarity of regional cuisines in china. *PloS one* 8, 11 (2013), e79161.