# 研究背景

# 相关文献

[TSE 2024] Wen X C, Gao C, Luo F, et al. LIVABLE: Exploring Long-Tailed Classification of Software Vulnerability Types[J]. IEEE Transactions on Software Engineering, 2024.

[IST 2023] Vo H D, Nguyen S. Can an old fashioned feature extraction and a light-weight model improve vulnerability type identification performance?[J]. Information and Software Technology, 2023, 164: 107304.

[ICSE 2023] Pan S, Bao L, Xia X, et al. Fine-grained commit-level vulnerability type prediction by CWE tree structure[C]//2023 IEEE/ACM 45th International Conference on Software Engineering (ICSE). IEEE, 2023: 957-969.

[TSE 2023] Fu M, Nguyen V, Tantithamthavorn C K, et al. Vulexplainer: A transformer-based hierarchical distillation for explaining vulnerability types[J]. IEEE Transactions on Software Engineering, 2023.