



**Universidade Federal do Ceará**  
**Centro de Ciências/Departamento de Computação**  
**Código da Disciplina: CKP8466**  
**Professor: Ismayle de Sousa Santos**

**Aula 24**

# **Lógica da Pesquisa Científica**

## **Material Complementar - Mineração de Dados**



**nctt3tj**



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# Trabalho Prático - TP5

- **TRABALHO PRÁTICO - TP6 (Deadline: 07/03/2021)**
    - Escolher um artigo de Mineração de Dados (de Software)
      - Única Restrição: Entre qualis A1 ~ A4
        - <https://ppgcc.github.io/discentesPPGCC/pt-BR/qualis/>
    - Fazer uma resenha crítica
      - Foco: Metodologia utilizada
      - Tamanho: 3 à 5 páginas
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# Exemplos de Artigos de Mineração de Dados

- **SBQS - Simpósio Brasileiro de Qualidade de Software**
    - 3º Lugar: Johnatan Oliveira, Markos Viggiano, and Eduardo Figueiredo. 2019. **How Well Do You Know This Library? Mining Experts from Source Code Analysis**. In Proceedings of the XVIII Brazilian Symposium on Software Quality (SBQS'19)
  - **SBES - Simpósio Brasileiro de Engenharia de Software**
    - José William Menezes, Bruno Trindade, João Felipe Pimentel, Tayane Moura, Alexandre Plastino, Leonardo Murta, and Catarina Costa. 2020. **What causes merge conflicts?** In Proceedings of the 34th Brazilian Symposium on Software Engineering (SBES '20)
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# Exemplos de Artigos de Mineração de Dados

- **ESEM - International Symposium on Empirical Software Engineering and Measurement (ESEM)**
    - Andrew J. Simmons, Scott Barnett, Jessica Rivera-Villicana, Akshat Bajaj, and Rajesh Vasa. 2020. **A large-scale comparative analysis of Coding Standard conformance in Open-Source Data Science projects.** In Proceedings of the 14th ACM / IEEE International Symposium on Empirical Software Engineering and Measurement (ESEM) (ESEM '20)
    - M. Alshangiti, H. Sapkota, P. K. Murukannaiah, X. Liu and Q. Yu, "Why is **Developing Machine Learning Applications Challenging? A Study on Stack Overflow Posts,**" 2019 ACM/IEEE International Symposium on Empirical Software Engineering and Measurement (ESEM)
    - J. Ratzinger, T. Sigmund, P. Vorburger and H. Gall, "**Mining Software Evolution to Predict Refactoring,**" First International Symposium on Empirical Software Engineering and Measurement (ESEM 2007)
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# Exemplos de Artigos de Mineração de Dados

- **MSR - International Conference on Mining Software Repositories**
    - Fabiano Pecorelli, Fabio Palomba, Foutse Khomh, and Andrea De Lucia. 2020. **Developer-Driven Code Smell Prioritization**. In Proceedings of the 17th International Conference on Mining Software Repositories (MSR '20).
    - Hongyu Zhai, Casey Casalnuovo, and Prem Devanbu. 2019. **Test coverage in python programs**. In Proceedings of the 16th International Conference on Mining Software Repositories (MSR '19)
    - E. Cohen and M. P. Consens, "Large-Scale Analysis of the Co-commit Patterns of the Active Developers in GitHub's Top Repositories," 2018 IEEE/ACM 15th International Conference on Mining Software Repositories (MSR), Gothenburg, Sweden, 2018
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# Conferência e Journal de Estudos Empíricos em ES

- **ESEM**
    - Empirical Software Engineering and Measurement
    - [https://eseiw2020.di.uniba.it/esem\\_conf/technical-papers/](https://eseiw2020.di.uniba.it/esem_conf/technical-papers/)
  - **Empirical Software Engineering Journal**
    - <https://www.springer.com/journal/10664>
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*Obrigado!*



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