## Feedback on the assignment, including any comments you may want to add on how your expertise / skillsets fit this assessment.

My coding background is mainly in backend coding, specifically algorithm design and security analysis. Until recently I had done very little frontend coding. I've used the Streamlit library for projects before so that was slightly familiar to me. I am also familiar with making API calls but had never built my own API endpoints before this. Information specific to the project (function, usage) can be found in the readme included in the project files.

### Duration it took you to complete it.

This took me approximately ten hours to complete, including setup.

### Screenshots of your Ul.

### Default page:

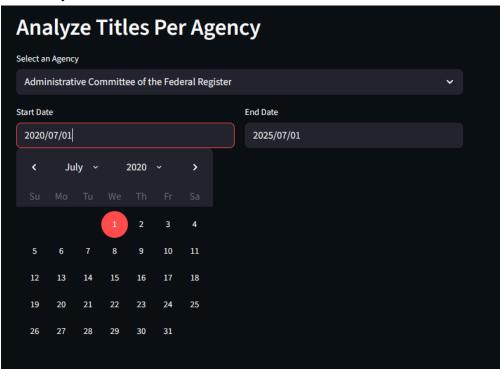


### For Analyzing Titles Per Agency:

Agency Selection Dropdown:



### Date Entry:



### Metrics:

# Metrics for Administrative Committee of the Federal Register 2020-07-01 \*{ "Word Count": 10700 "Complexity": 10.423195788016997 "Checksum": "5a52d1f3ae147d95e2eaaac16c2a6327cfda8ec5d6c0039682aa51a24f2bb42c" } 2025-07-01 \*{ "Word Count": 10452 "Complexity": 10.348897892687322 "Checksum": "bfe34a3f64871aea47dca7b1ff39077d7d6921a5580d3921d7df8079a8e770ad" } Delta (Change Between Dates) \*{ "Word Count Change": -248 "Complexity Change": -0.0742978953296749 }

### Relevant Chapter Texts:

# Latest chapters for Administrative Committee of the Federal Register as of 2025-07-01

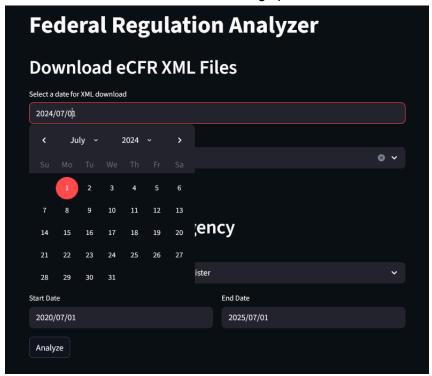
1: CHAPTER I—ADMINISTRATIVE COMMITTEE OF THE FEDERAL REGISTER

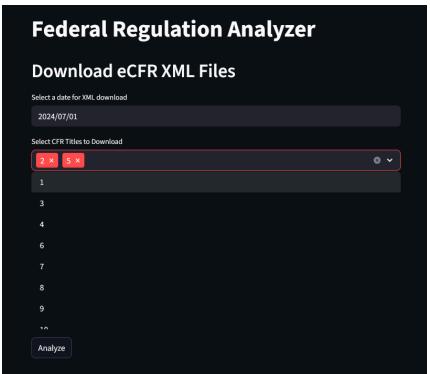
CHAPTER I—ADMINISTRATIVE COMMITTEE OF THE FEDERAL REGISTER SUBCHAPTER A—
GENERAL PART 1—DEFINITIONS Authority: 44 U.S.C. 1506; sec. 6, E.O. 10530, 19 FR 2709; 3 CFR,
1954-1958 Comp., p.189. § 1.1 Definitions. As used in this chapter, unless the context requires
otherwise— Administrative Committee Agency Document Document having general applicability
and legal effect Filing Regulation rule [37 FR 23603, Nov. 4, 1972, as amended at 50 FR 12466, Mar.
28, 1985] PART 2—GENERAL INFORMATION Authority: 44 U.S.C. 1506, 4101; sec. 6, E.O. 10530, 19
FR 2709; 3 CFR, 1954-1958 Comp., p. 189; 1 U.S.C. 112, 113. Source: 37 FR 23603, Nov. 4, 1972,
unless otherwise noted. § 2.1 Scope and purpose. (a) This chapter sets forth the policies,
procedures, and delegations under which the Administrative Committee of the Federal Register
carries out its general responsibilities under chapter 15 of title 44, United States Code. (b) A
primary purpose of this chapter is to inform the public of the nature and uses of Federal Register
publications. § 2.2 Administrative Committee of the Federal Register. (a) The Administrative
Committee of the Federal Register is established by section 1506 of title 44, United States Code.

### For Downloading Specific XML Documents

\*\*Note you do NOT need to download any XML files before analyzing an agency, the analyzer checks for the relevant XML files and downloads them automatically.

Date and title selections for downloading specific XML documents:





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