

1. Regulations extracted & patterns analysis Top 5 meaningful results from SAT Order docs using two different extraction approaches (pretrained and custom trained)

Approach 1: PretrainedNER Entity: Legal Doc Data Source: IndianKanoon SAT Orders	Approach 1: PretrainedNER Entity: Provision Data Source: IndianKanoon SAT Orders	Approach 1: PretrainedNER Entity: Legal Doc Data Source: SEBI SAT Orders	Approach 1: PretrainedNER Entity: Provision Data Source: SEBI SAT Orders
'SEBI Act': 84	'Regulation 2': 61	'PIT Regulations': 21	'regulation 3': 12
'PIT Regulations': 74	'Regulation 3': 56	'Insider Trading Regulations': 10	'Regulation 2': 10
'Companies Act': 18	'Clause 36': 54	'Model Code': 5	Section 15': 5
'Model Code': 18	'Section 11': 36	'Sebi Act': 4	'regulation 2': 5
'SEBI Regulations': 17	'Regulation 11': 25	'Companies Act': 4	'section 12A': 4

Approach 2: CustomNER Entity: Legal Doc Data Source: IndianKanoon SAT Orders	Approach 2: CustomNER Entity: Provision Data Source: IndianKanoon SAT Orders	Approach 2: CustomNER Entity: Legal Doc Data Source: SEBI SAT Orders	Approach 2: CustomNER Entity: Provision Data Source: SEBI SAT Orders
'Listing Agreement': 61	'Regulation 2': 60	'PIT Regulations': 25	'Regulation 2': 10
'PIT Regulations': 48	'Regulation 3': 46	'Insider Trading Regulations': 9	'regulation 3': 9
'the SEBI Act': 36	'Clause 36': 34	'PIT Regulations': 5	'para 3.2.3': 7
'PIT Regulations, 1992': 27	'Section 11': 30	'the Sebi Act': 3	'regulation 2': 5
'SEBI Act': 24	'Regulation 12': 22	'the Model Code of Conduct': 2	'section 12A': 4

2. Data sources - SEC website - 4373 results (most have a link to SEC complaint PDF)



Steps Ahead

- Interpretation of the recurring Regulations (Relationships/Pattern)
- Extraction of evidence & other information related to violation
- Improve CustomNER