Python 3.8.3 (default, Jul 2 2020, 17:30:36) [MSC v.1916 64 bit (AMD64)] Type "copyright", "credits" or "license" for more information.

IPython 7.16.1 -- An enhanced Interactive Python.

In [1]: 'E:/Desktop/sem 7/irs/IRS/practical-5/Main.py' = 'E:/Desktop/sem
7/irs/IRS/practical-5'

Stop Word Removal

Stemming

Vocabulary

['24', '25', 'account', 'actions', 'actors', 'add', 'also', 'amount', 'ask', 'author', 'authoris', 'bank', 'bearer', 'blank', 'borrowing', 'broadcasting', 'cable', 'call', 'camera', 'cameraman', 'cannot', 'carri', 'case', 'cash', 'chequ', 'cinemas', 'commonli', 'communicate', 'computer', 'condit', 'confirm', 'corner', 'cross', 'cry', 'data', 'declar', 'dialogue', 'director', 'directors', 'disk', 'done', 'download', 'draw', 'drawer', 'dvd', 'either', 'empti', 'encash', 'endors', 'entertain', 'equipment', 'every', 'feel', 'field', 'films', 'find', 'frame', 'fun', 'get', 'gets', 'getting', 'hires', 'home', 'identif', 'ie', 'import', 'indian', 'information', 'intact', 'invalid', 'investors', 'kind', 'known', 'later', 'laugh', 'learn', 'left', 'lend', 'liabl', 'like', 'line', 'looks', 'made', 'make', 'mark', 'market', 'may', 'mean', 'medias', 'memorize', 'mention', 'money', 'month', 'motion', 'move', 'movies', 'must', 'mutil', 'name', 'needd', 'needed', 'older', 'others', 'parti', 'pay', 'paye', 'people', 'period', 'person', 'picture', 'piec', 'process', 'produce', 'producers', 'projector', 'quick', 'rate', 'reach', 'read', 'really', 'record', 'reject', 'relev', 'rented', 'requir', 'say', 'screen', 'screenwriter', 'script', 'scripts', 'second', 'set', 'several', 'shall', 'shown', 'shows', 'signatur', 'sold', 'something', 'sound', 'story', 'stream', 'strike', 'submit', 'takes', 'tapes', 'teach', 'television', 'tell', 'tells', 'thing', 'third', 'time', 'top', 'torn', 'transferred', 'two', 'type', 'use', 'uses', 'usual', 'valid', 'video', 'videocassette', 'view', 'visit', 'visual', 'watch', 'way', 'week', 'whose', 'withdraw', 'words', 'work', 'write']

Document Term Matrix

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Reduction to lower rank approximation
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In [2]: