//Create table

CREATE TABLE article (

ArticleID int,

Title text,

Author text,

Keyword text,

Summary text,

Journal text,

DatePublished timestamp,

PRIMARY KEY (ArticleID));

//Populate table (or insert from file with COPY … FROM command). Notes – some fields were shortened.

INSERT INTO article (ArticleID, Title, Author, Keyword, Summary, Journal, DatePublished) VALUES (1, 'Big data: How do your data grow?', 'Clifford Lynch', 'big data, computation challenge, storage, scientific data, data size', 'Data can be big in different ways', 'Nature', '2008-08-04');

INSERT INTO article (ArticleID, Title, Author, Keyword, Summary, Journal, DatePublished) VALUES (2, ' Bigtable: A Distributed Storage System for Structured Data', ' Fay Chang', 'bigtable, structured data, data size, database, large data', 'Bigtable is a distributed storage system for managing structured data that is designed to scale to a very large size', 'Seventh Symposium on Operating System Design and Implementation', '2006-11-01');

INSERT INTO article (ArticleID, Title, Author, Keyword, Summary, Journal, DatePublished) VALUES (3, ' Automatic I/O Hint Generation through Speculative Execution', ' Fay Chang, Garth A. Gibson', ' disk i/o, irregular i/o patterns, access patterns, large data', 'Aggressive prefetching is an effective technique for reducing the execution times of diskbound applications', 'Proceedings of the 3rd Symposium on Operating Systems Design and Implementation ', '1999-02-01');

INSERT INTO article (ArticleID, Title, Author, Keyword, Summary, Journal, DatePublished) VALUES (4, 'The rise of graphene', 'A. K. Geim & K. S. Novoselov', 'graphene, new material, one atom thick', 'Graphene is a rapidly rising star on the horizon of materials science and condensed-matter physics.', 'Nature Materials', '2006-01-01');

INSERT INTO article (ArticleID, Title, Author, Keyword, Summary, Journal, DatePublished) VALUES (5, 'Heat-pipe Earth', ' William B. Moore & A. Alexander G. Webb', ' heat transport, tectonic, heath sources, geothermal', ' The heat transport and lithospheric dynamics of early Earth are currently explained by plate tectonic and vertical tectonic models', 'Nature Materials', '2013-09-25');