

# RDBMS examples of queries results.

## Tested on small file of data

[https://s3.amazonaws.com/amazon-reviews-pds/tsv/amazon\\_reviews\\_us\\_Books\\_v1\\_02.tsv.gz](https://s3.amazonaws.com/amazon-reviews-pds/tsv/amazon_reviews_us_Books_v1_02.tsv.gz).

## Q1.

```
127.0.0.1:5000/reviews_for_pr... x +
127.0.0.1:5000/reviews_for_product_id/0060875410
[{"RZ8R851Q20K2TIS","US","16234962","0060875410",5,11,12,false,false,"Great book","This is a very important book. We need to change the current tax system and this book will answer all your questions.", "Fri, 14 Oct 2005 00:00:00 GMT"}, {"R3D8X20T5R16Q0","US","41582461","0060875410",5,11,12,false,false,"I read the book before commenting.", "Simple and easy to understand. I wish the book would have gone into a little more detail but I found that detail in the HR 25 website. <br />Boortz and Linder did a good job laying out the positive and the negatives in this book. I will not distribute about my personal politics has you have probably noticed with most of these posts. Read the book and make up your own mind. Write your newspaper with your political thoughts and write your review of the BOOK here. <br />", "Fri, 14 Oct 2005 00:00:00 GMT"}, {"R2S6UVI13YMRKO","US","12071477","0060875410",5,8,9,false,false,"Tax Advisory Panel relents to K street", "It is obvious that the Tax Advisory Panel has related to the pressures of the lobby community. Just reading their comments as to why they are not considering a National Sales Tax plan...\\\"its too regressive\\\" or \\\"\\\" it will require a tax rate b/t 67% & 84% in order to properly fund the government\\\". These are both complete fabrications. <br /> <br />This panel was a complete waste of time and did not accomplish ANY of the goals that Bush set forth as the objective for the panel. You can see for yourself at [...] Compare Bush's objectives for the panel to the panel's recommendations and it is clear that the panel was a complete waste of time. <br /> <br />The Fair Tax book lays out an aggressive, CONSTITUTIONAL plan to rescue Americans from the \\\"iron weight\\\" that was twice voted unconstitutional prior to being passed. <br /> <br />Americans need to stand up and fight for HR 25", "Fri, 14 Oct 2005 00:00:00 GMT"}, {"R0P1LOTHV6P5G","US","53025670","0060875410",5,9,10,false,false,"Maybe if the title were \\\"The Elite Tax\\\" then the bedwetters would actually read it...", "This is a very good book that simply and succinctly lays out where we're at with our current tax system, and how to get to the National Retail Sales Tax. The time has come for a terrific idea like this to be part of the national debate. Now, if someone would write a book on how to get our political leadership to do what is best for the country and not just for them... Ah the fantasies of youth! Buy this book and educate yourself.", "Fri, 14 Oct 2005 00:00:00 GMT"}, {"R113D7RQDN29K","US","33383825","0060875410",5,10,12,false,false,"Only a government school educated idiot.....", "Only a government school educated idiot could read this book and conclude that this is not a fair way to collect taxes. I should probably include the success-jealous losers and Washington politicians that have their best interest over the people they are suppose to serve despite the BS they feed \\\"clueless-sheep\\\" Americans. President Bush's Tax Relief Commission is a perfect example of the asinine Washington politicians that waste your money and come up with the lame plan that provides no relief to the 66,000+ pages of tax code (their plan will add several hundred more pages). If you read Section 3 (Purpose) of President Bush's Tax Relief Commission Executive Order, you will clearly see that the Commission FAILED at their main objective. Sec. 3. Purpose. The purpose of the Advisory Panel shall be to submit to the Secretary of the Treasury in accordance with this order a report with revenue neutral policy options for reforming the Federal Internal Revenue Code. These options should: (a) simplify Federal tax laws to reduce the costs and administrative burdens of compliance with such laws; Looks like the Tax Relief morons will add to the cost for some and provide no compliance cost relief for the rest of us. - FAILED F- FAIR TAX - read the book - PASS A++ (b) share the burdens and benefits of the Federal tax structure in an appropriately progressive manner while recognizing the importance of homeownership and charity in American society; and They achieved the opposite by reducing incentive to buy an expensive home for those that can afford it and not giving the lower-middle class and poor a huge break on price with no tax for purchasing a used home, not to mention no relief for charity contributions, in a time when Americans are giving more than ever. - FAILED F- FAIR TAX - again, read the book - PASS A++ (c) promote long-run economic growth and job creation, and better encourage work effort, saving, and investment, so as to strengthen the middle class of the United States in the global marketplace. Now, what idiots, they must of forgot about this one too. Their recommendation does not address this objective in any shape, form or fashion - FAILED F- FAIR TAX - its in the book - PASS A++ I don't know, I don't think Americans deserve any Tax Relief. Most of us walk around clueless and indifferent to what goes on in Washington. We'd rather focus on Hollywood. We readily accept a feeling of powerlessness that mocks the blood, sweat and tears that were sacrificed for our freedom. Yeah, read the book, sit back and hope that someone does something to make it happen so your life will be easier because I know most that do read the book, even those that agree, will not write their Senators or Congressmen and tell them their job is on the line if they don't get behind this idea. (...)", "Fri, 14 Oct 2005 00:00:00 GMT"}, {"R2188B0J4KUEH","US","11011373","0060875410",5,5,6,false,false,"Just what it says - Fair", "Very informative. You owe it to yourself to read the facts and ignore the talking points of the lobbyists doing the old CYOA. (Cover Your Own A**)", "Fri, 14 Oct 2005 00:00:00 GMT"}, {"R10P1Z8VSVML2P","US","47547175","0060875410",5,13,15,false,false,"The only book that give details, and no politics, behind tax plans", "This book is well written and a focused book that looks at changing a terrible tax policy inflicting the American People. I read this book after hearing so much positive and negative around this issue. <br /> <br />After reading it, I have found that most of the \\\"negative\\\" reviews of the fair tax, and the book, have NO relationship to the Plan or to the book. It seems that there are politics going on in how some people, including some of the reviewers, interpret the \\\"fair tax\\\". Instead of reviewing the book, they are making political statements that meet their needs often twisting the plan or comparing it to other plans (i.e. VAT) that are false. <br /> <br />The book specifically addresses the facts and states there is no Plan that is perfect and there is no free lunch. I recommend you read the book and make up your own mind. <br /> <br />", "Fri, 14 Oct 2005 00:00:00 GMT"]]
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```
127.0.0.1:5000/reviews_for_pr... x +
127.0.0.1:5000/reviews_for_product_id/0849945240
[{"R7010DK5QEDNV","US","13329544","0849945240",5,3,3,false,false,"Another home run for Walker!", "Again, Laura Jensen Walker manages to make me laugh just when I need it most! This sequel was well worth the wait, and I'm already looking forward to her next novel. If you see this book on a shelf somewhere, grab it and run home to your favorite spot and curl up. You'll definatley be in for a treat!", "Fri, 14 Oct 2005 00:00:00 GMT"]]
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## Q2.

```
127.0.0.1:5000/reviews_for_pr... x +
127.0.0.1:5000/reviews_for_product_id_with_star_rating/0595356524/5
[{"R3B728D20QGHT2","US","12072387","0595356524",5,1,2,false,false,"Great Book.....", "Jada is great! The dialogue was fantastic and the plot just gets thicker and thicker. THE SEX PARTS KEPT ME TURNING THE PAGE TOO....LOL!", "Fri, 14 Oct 2005 00:00:00 GMT"]]
```

```
127.0.0.1:5000/reviews_for_pr... x +
127.0.0.1:5000/reviews_for_product_id_with_star_rating/0595356524/4
[{"R3UA9C01HFUV9T","US","12072379","0595356524",4,0,1,false,false,"*****LOVED IT*****", "I haven't read a good book in a long time but Jada definitely quenched that urge. This book kept me hooked the whole time. The characters were so easy to relate to and it was entertaining. Alexander also adds a little humor to make it more interesting. I can't wait for her second book!#", "Fri, 14 Oct 2005 00:00:00 GMT"}, {"R1N18FPMJQJ06","US","12076042","0595356524",4,2,2,false,false,"Erica_P", "I don't really like the whole lesbian thing, so I was hesitant about reading this book but trust me, the sex scenes are HOT, HOT, AND NO HOR. But on a deeper level the book was really good. I would recommend it to anyone looking for a quick read.", "Fri, 14 Oct 2005 00:00:00 GMT"]]
```

## Q3.

```
127.0.0.1:5000/reviews_for_cu... x +
127.0.0.1:5000/reviews_for_customer_id/49718706
[{"R14GHPCTJROPKU","US","49718706","0971217505",5,13,14,false,true,"Great for insight!", "This book gives a great description of what living with Fibro is like. It helped me not feel so alone with my illness and realize that others do have similar symptoms. If I had read this book earlier it would have saved me from a needless bladder surgery that did more harm than good.", "Fri, 14 Oct 2005 00:00:00 GMT"}, {"R193R7ABAG09S","US","49718706","1570628122",5,17,20,false,true,"Great!", "I use the ideas in this book in my work with women trying to break out of dysfunctional relationships. They have no clue what a real one is and how to develop one. This helps with all types of relationships they must have.", "Fri, 14 Oct 2005 00:00:00 GMT"}, {"R2S3JUZJ21OGAME","US","49718706","091242320X",5,14,15,false,true,"Honestly written!", "This is one of the best books on how people cope with Fibro that I have read. This man is honest about how he feels and how he struggles in his role as caretaker of an ill spouse. It helped give me insight into what my husband must go through in helping to keep me sane and well as this illness steals both our lives.", "Fri, 14 Oct 2005 00:00:00 GMT"]]
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127.0.0.1:5000/reviews\_for\_customer\_id/45152627

[[{"R3OPFLCIIN24D8","US","45152627","140003065X",3,4,13,false,false,"well-crafted, yet unlyrical and off-putting","I walked away from the book disturbed in many ways. While current events and life in India may be tragic, I need more hope from a book. I must see the ironic beauty hidden beneath the doom. Arundhati Roy's book The God of Small Things also authentically portrays the quaint life of the Indian villagers, the terror of the caste system, government corruption and the implied threats that control people's lives. Yet Roy's story is rife with finding impossible love, emotionally moving scenery, magical realism and poetry. Roy is a lyrical idealist, Mistry is a cosmopolitan defeatist.<br /><br />Robinton Mistry has deterred me from traveling to India to see for myself. The situation in my country is also very difficult and I do not live in an Ivory Tower by any definition. Yet who wants to spend their meager vacation witnessing the quality of life of the oppressed locals, who are obviously suffering? I would come on a volunteer mission, but that's about it. Mistry's description of the visiting hippies and foreign tourists, all drugged out, who were victims of Rajaram's hair-collecting habit, was scathing and accurate only of a certain group of tourists. India does not sound welcoming at all.<br /><br />Mistry, India and readers everywhere would be better served by letting Maneck rescue his city friends at the end and bring them to the mountains. Then, as an afterword, instead of a positive book review, Mistry could write about what the reader can do to help people in India.", "Fri, 14 Oct 2005 00:00:00 GMT"]]

Q4.

127.0.0.1:5000/most\_reviewed\_items/2003-12-12/2010-12-12/10

[[{"0975599518"}, {"0060875410"}, {"0785263705"}, {"0595356524"}, {"1596921269"}, {"B0006DD4XQ"}, {"0205361269"}, {"1414303432"}, {"0451526341"}, {"0394908430"}]]

127.0.0.1:5000/most\_reviewed\_items/2005-05-12/2005-12-12/5

[[{"0060875410"}, {"1594480001"}, {"0595356524"}, {"0060839880"}, {"0975599518"}]]

Q5.

127.0.0.1:5000/most\_productive\_customers/2005-01-01/2005-12-12/3

[[{"49718706"}, {"16416628"}, {"49816804"}]]

127.0.0.1:5000/most\_productive\_customers/2004-01-14/2011-12-14/13

[[{"49718706"}, {"16416628"}, {"49816804"}, {"52496855"}, {"50794348"}, {"14950476"}, {"52713828"}, {"50193679"}, {"21971218"}, {"50245855"}, {"37357106"}, {"48541186"}, {"53021862"}]]

Q7.

127.0.0.1:5000/most\_productive\_haters/2004-01-14/2011-12-14/5

[[{"44340879"}, {"45449148"}, {"12075869"}, {"12065385"}, {"12082808"}]]

127.0.0.1:5000/most\_productive\_haters/2003-12-12/2005-12-12/10

[[{"44340879"}, {"24193995"}, {"28056444"}, {"24513242"}, {"25803998"}, {"12075843"}, {"50245855"}, {"49676296"}, {"45449148"}, {"52245681"}]]

Q8.

127.0.0.1:5000/most\_productive\_haters/2004-01-14/2011-12-14/5

[[{"44340879"}, {"45449148"}, {"12075869"}, {"12065385"}, {"12082808"}]]

127.0.0.1:5000/most\_productive\_backers/2003-12-12/2005-12-12/3

[[{"50122160"}, {"49718706"}, {"45273033"}]]