

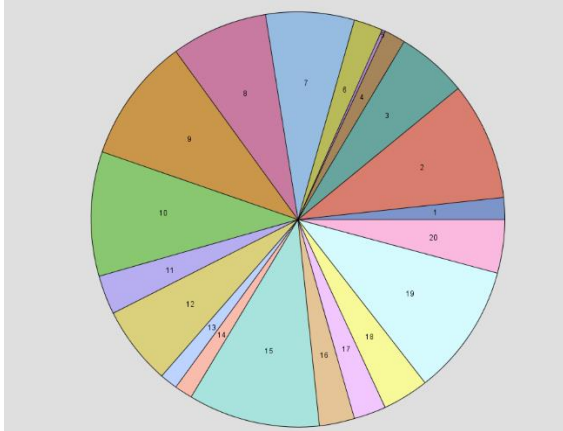
SEIS632-02-Assignment3

Shivali Dalmia

Added StatExplore node to check for skewness and missing values.

Question1: How many clusters do you get?

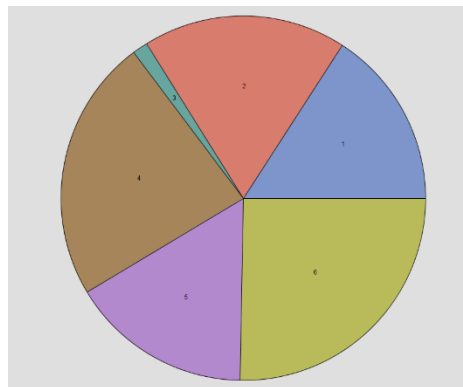
Answer1: The data is grouped into 20 clusters.



Specified maximum number of clusters as 6.

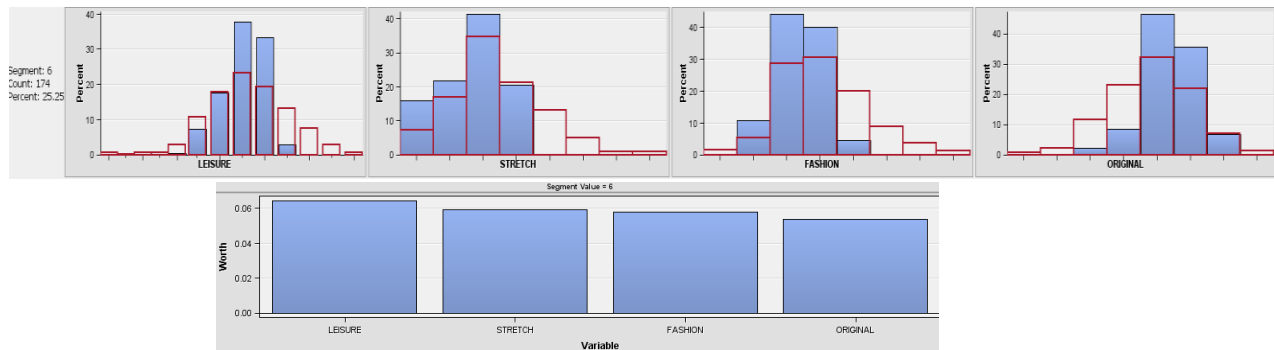
Question2: Evaluate the output from the Segment Profile and explain the results in detail using the blue and red histograms and variable worth.

Answer2: The data is grouped into 6 clusters.



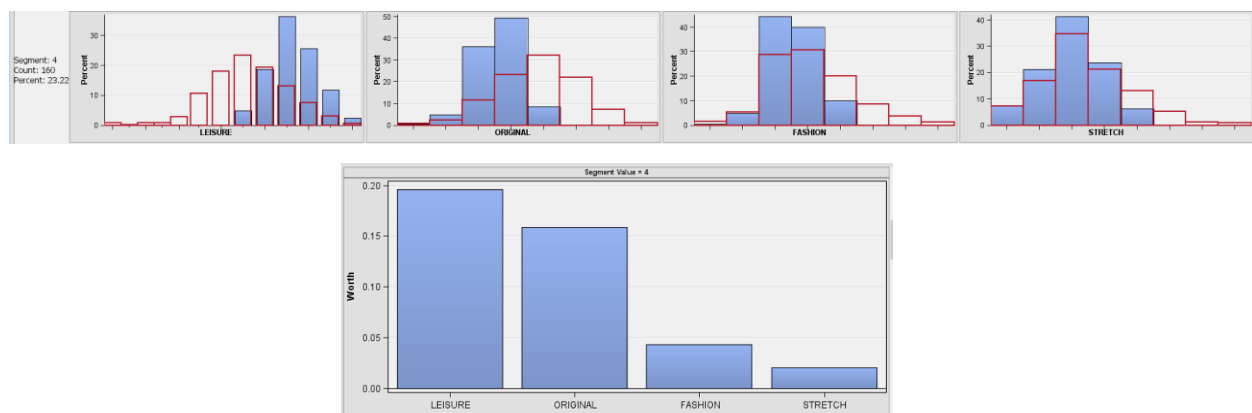
Question3: Evaluate the output from the Segment Profile and explain the results in detail using the blue and red histograms and variable worth.

Segment6:



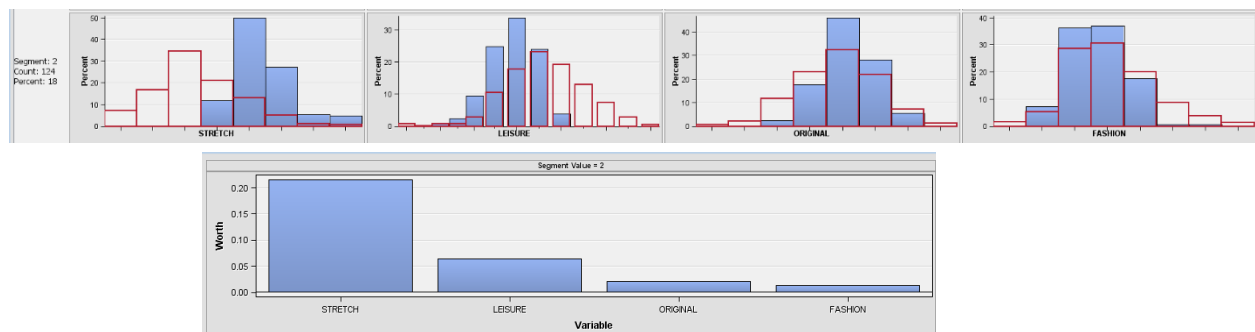
Segment	Segment & Overall distribution comparison.	Variable Worth	Variability within segment.
Segment6	<p>Leisure – Average number of jeans sold is close to the overall distribution average. 89% of jeans are sold in ranges 7,8 and 9 and 61% are sold in overall distribution.</p> <p>Stretch- Average number of jeans sold is slightly lower than overall distribution average and 79% of jeans are sold in lower ranges(1,2,3,4) as compared 82% overall distribution.</p> <p>Fashion- Average number of jeans sold is close to the overall distribution average. The distribution is tighter and more left aligned. 95% of jeans are sold in ranges 2,3,4 as compared to 75% in overall distribution (3,4,5).</p> <p>Original-Average number of jeans sold is higher than the overall distribution average. The distribution is tighter and right aligned. 81% jeans are sold in higher ranges (5,6,7) as compared to 77% in overall distribution (4,5,6).</p>	<p>The variable worth for all Leisure , Stretch, Fashion and Original are very close to each other. As per facts this segment has stores which sold leisure type of jeans more as compared to other types.</p>	<p>The variability is lowest for Leisure in this segment followed by Stretch, Fashion, and original types.</p>

Segment4



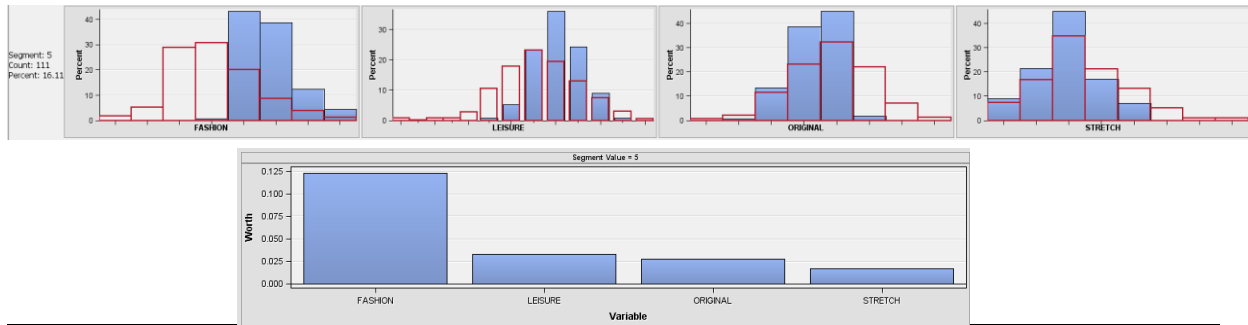
Segment	Segment & Overall distribution comparison.	Variable Worth	Variability within segment.
Segment4	<p>Leisure – Average number of jeans sold is higher than the overall distribution average. 92% of jeans are sold in ranges 9,10,11,12 and 85% are sold in lower ranges 6,7,8,9 for overall distribution.</p> <p>Stretch- Average number of jeans sold is close to overall distribution average. 95% of jeans are sold in lower ranges(1,2,3,4) as compared 81% in overall distribution.</p> <p>Fashion- Average number of jeans sold is slightly lower than overall distribution average. The distribution is tighter and more left aligned. 94% of jeans are sold in ranges 3,4 as compared to 79% in overall distribution (3,4,5).</p> <p>Original-Average number of jeans sold is lower than the overall distribution average. The distribution is tighter and more left aligned. 94% jeans are sold in higher ranges (3,4,5) as compared to 78% in overall distribution (3,4,5,6).</p>	<p>The variable worth for Leisure is highest, closely followed by Original. Fashion is lower by a high margin followed by Stretch. This segment has stores which sold a greater number of leisure jeans.</p>	<p>The variability is lowest for Leisure in this segment followed by Original, Fashion, and Stretch types.</p>

Segment 2



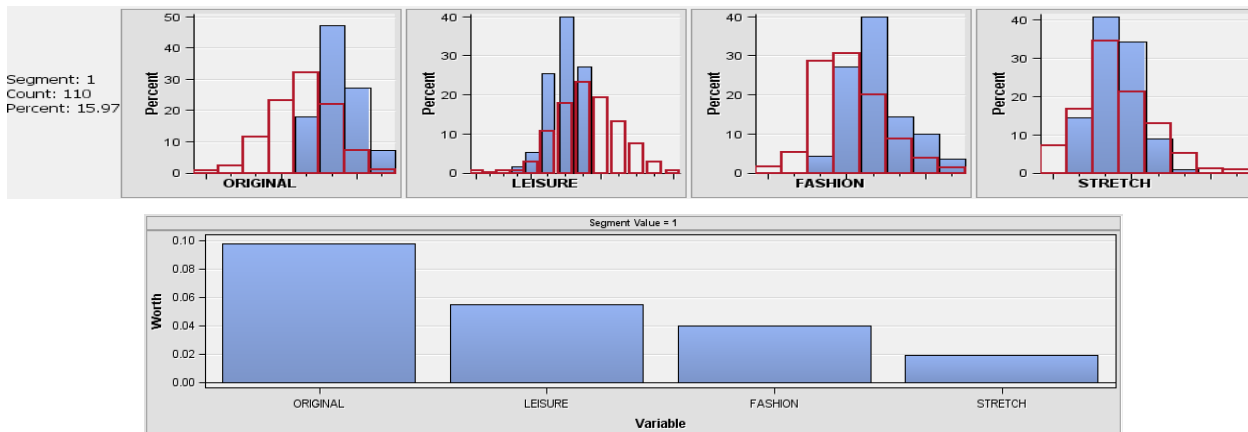
Segment	Segment & Overall distribution comparison.	Variable Worth	Variability within segment.
Segment2	<p>Leisure – Average number of jeans sold is lower than the overall distribution average. 93% of jeans are sold in ranges 5,6,7,8 and 91% are sold in higher ranges 6,7,8,9,10 for overall distribution.</p> <p>Stretch- Average number of jeans sold is much higher than overall distribution average. 95% of jeans are sold in higher ranges(4,5,6,7,8) as compared to 80% in lower ranges 1,2,3,4 of overall distribution.</p> <p>Fashion- Average number of jeans sold is close to overall distribution average. 98% of jeans are sold in lower ranges 2,3,4,5 as compared to 93% in overall distribution (2,3,4,5).</p> <p>Original-Average number of jeans sold is close to overall distribution average. 92% jeans are sold in middle ranges (4,5,6) as compared to 96% in overall distribution (3,4,5,6,7).</p>	<p>The variable worth for Stretch jeans is highest. Others follow by a high margin. This segment has stores which sold a greater number of stretch jeans.</p>	<p>The variability is lowest for Stretch in this segment followed by Leisure, Original, and Fashion types.</p>

Segment5



Segment	Segment & Overall distribution comparison.	Variable Worth	Variability within segment.
Segment5	<p>Leisure – Average number of jeans sold is higher than the overall distribution average. 98% of jeans are sold in ranges 7,8,9,10,11 and 83% are sold in lower ranges 5,6,7,8,9,10 for overall distribution.</p> <p>Stretch- Average number of jeans sold is close to overall distribution average. 94% of jeans are sold in lower ranges(1,2,3,4,5) as compared to 98% in lower ranges 1,2,3,4,5,6 ranges of overall distribution.</p> <p>Fashion- Average number of jeans sold is higher than the overall distribution average. 97% of jeans are sold in ranges 5,6,7,8 and 83% are sold in lower ranges 2,3,4,5 for overall distribution.</p> <p>Original-Average number of jeans sold is close to overall distribution average. 96% jeans are sold in middle ranges (3,4,5) as compared to 96% in overall distribution (3,4,5,6,7).</p>	<p>The variable worth for Fashion jeans is highest. Others follow by a high margin.</p> <p>This segment has stores which sold a greater number of Fashion jeans.</p>	<p>The variability is lowest for Fashion in this segment followed by Leisure, Original, and stretch types.</p>

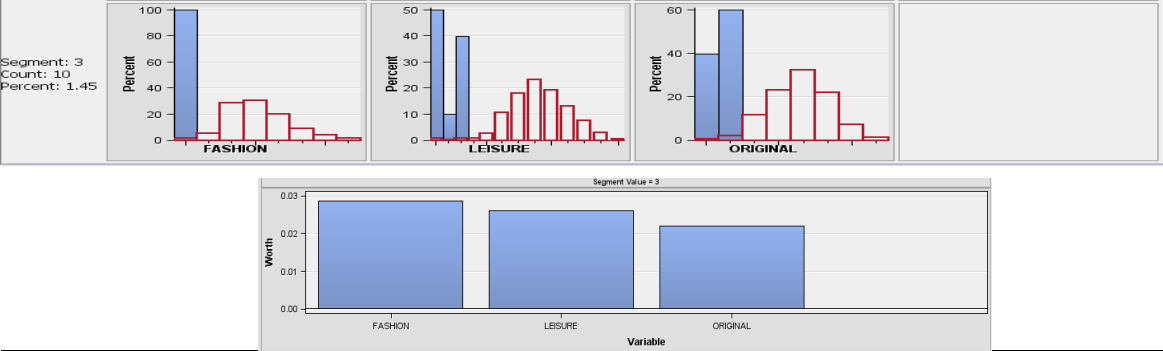
Segment1



Segment	Segment & Overall distribution comparison.	Variable Worth	Variability within segment.
Segment1	<p>Leisure – Average number of jeans sold is lower than the overall distribution average. 97% of jeans are sold in lower ranges 5,6,7,8 as compared to 94% are sold in higher ranges 5-12 for overall distribution.</p> <p>Stretch- Average number of jeans sold is close to overall distribution average. 97%</p>	<p>The variable worth for original jeans is highest. Others follow by a high margin.</p> <p>This segment has stores which sold a greater number of original jeans.</p>	<p>The variability is lowest for Original in this segment followed by Leisure, Fashion, and stretch types.</p>

	<p>of jeans are sold in lower ranges(2,3,4,5) as compared to 92% in same range 2,3,4,5 of overall distribution.</p> <p>Fashion- Average number of jeans sold is higher than the overall distribution average. 95% of jeans are sold in ranges 3,4,5,6,7 and 97% are sold in lower ranges 2,3,4,5,6 for overall distribution.</p> <p>Original-Average number of jeans sold is higher than overall distribution average. The distribution is right aligned in higher ranges. 98% jeans are sold in middle ranges (5,6,7,8) as compared to 96% in overall distribution (1,2,3,4,5,6).</p>		
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Segment3



Segment	Segment & Overall distribution comparison.	Variable Worth	Variability within segment.
Segment3	<p>Leisure – Average number of jeans sold is much lower than the overall distribution average. The distribution is tight and left aligned as compared to overall distribution. 100% of jeans are sold in lower ranges 1,2,3 as compared to 94% are sold in higher ranges 5-12 for overall distribution.</p> <p>Stretch- No stretch jeans in this segment.</p> <p>Fashion- Average number of jeans sold is much lower than the overall distribution average. The distribution is tight and left aligned. 100% of jeans are sold in lowest ranges 1 and 97% are sold in higher ranges 2,3,4,5,6 for overall distribution.</p> <p>Original-Average number of jeans sold is lower than overall distribution average. The distribution is left aligned in lower ranges. 100% jeans are sold in middle ranges (1,2) as compared to 96% in overall distribution (3,4,5,6,7).</p>	<p>The variable worth for Fashion jeans is highest. Others follow closely. This segment has stores which sold a greater number of Fashion jeans.</p>	<p>The variability is lowest for Fashion in this segment followed by Leisure, Original.</p>