

MAYANK SHARMA  
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## WORK EXPERIENCE

3 years 11 months

Galytix Analytics Pvt Ltd		Data Scientist	Mar '18 Present
<b>Roles and Responsibilities</b>	<ul style="list-style-type: none"> <li>Worked on data gathering and organizing, ensuring high level of data accuracy, integrity and data management from different resources.</li> <li>Automating process to extract, translate and transform structured Japanese insurance data sets from open sources</li> <li>Created Data base ready format data structure for MongoDB with two Jr. Data Scientist.</li> <li>Worked On Creating Solution Framework with client specific analyses on Excel.</li> <li>Built R algorithm to load data from mongoDB and code for analyses for platform .</li> <li>Predict macro variables with the help of GDP and GDP per capita for different countries to predict premiums.</li> <li>Predicting claims with the help of premiums.</li> <li>Calculate (in Excel and R) Historic as well as five years forecasted values of Economic profit at OECD level for countries.</li> <li>Programming in R to create different types of Analyses in Non-life Insurance Market based on Indicators like : Combined Ratio, Underwriting Margin etc</li> </ul>		
<b>Technologies Used</b>	R, Studio3T, Excel, Swagger, MongoDB , Python[Numpy, Pandas], S3 Bucket(AWS)		
<b>Skills</b>	Time Series(ARIMA), ECM, Multiple Linear Regression and Clustering .		

Dolat Capital		Quantitative Analyst(In High frequency trading)	June '17 – March'18
<b>Roles and Responsibilities</b>	<ul style="list-style-type: none"> <li>Worked on data gathering and organizing, ensuring high level of data accuracy, integrity and data management from different resources.</li> <li>Generate data different Indicators by setting various parameters for timestamp or tick-by-tick data.</li> <li>Analyzing Indicators &amp; finding the trends of pricing.</li> <li>Future forecasting of pricing &amp; optimize the total profit</li> </ul>		
<b>Technologies Used</b>	C' , 'C++' & R		
<b>Skills</b>	Multiple Linear Regression, Random Forest, Clustering , Time Series (ARIMA) and Bayesian Models		

<b>Roles and Responsibilities</b>	<ul style="list-style-type: none"> <li>Prepared the mid-year &amp; annually consolidated report of the company related to the patients.</li> <li>Prepared the trends on the basis of that reports.</li> <li>Analysed the research related data</li> </ul>
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<b>Technologies Used</b>	Basic SQL, SPSS, MS-Word & MS-Excel.
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## ACADEMICS

Qualification	Board/ University	Institute	Year of Passing	Marks Obtained (%)
M.Sc. Statistics & Computing	Banaras Hindu University	DST-CIMS	2017	8.875(CGPA)
B.Sc. (H) Statistics	Delhi University	Ramjas College	2014	66.1%
Class XII	CBSE	Rajkiya Pratibha Vikas Vidyalaya-New Delhi	2011	85.8%
Class X	CBSE	Mukherjee.M.M.S.S School	2009	83.8%

## PROJECTS

<b>Academic</b>	Correlation & Cluster analysis(K-means algorithm) on sectors based on DDP, for district of Karnataka on the data of 1996 to 2006. Software used: R, Excel
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## CO-CURRICULAR & EXTRA CURRICULAR ACTIVITIES

<b>Appreciation / Achievements</b>	<ul style="list-style-type: none"> <li>Secretary of Fest Organizing Committee, Ramjas College <b>2012-14</b></li> <li>Class Representative, Ramjas College.</li> <li>NGO-‘Shades of Happiness’ Taught basic Mathematics to a group of 30 students on weekends for a month</li> </ul>
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