NEHA PAWAR

M.Tech, Industrial and Management Engineering

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Academic Qualification

YEAR	DEGREE	INSTITUDE	CGPA/%
2016	M.Tech. (Industrial & Management Engineering)	Indian Institute of Technology, Kanpur	7.89*
2011	B.E. (Electronics & Instrumentation)	SGSITS Indore	63.52
2007	Diploma in Electronics and Telecommunication	ShriVaishnav Polytechnic Indore	59.79
2004	Class X, MP Board	K B Patel Gujrati School	50.60

Upto 2nd semester

Professional Experience

Adroit Industries Limited, (Signet Group) Indore   *Apr'13 to Apr'16*

Position	Job Responsibility
Quality control engineer	- Had responsibility of quality inspection of product and informing manufacturing team and design team for any potential defects found in the product. - Ensured product and process development meet quality standards.

APL Logistics India Pvt. Ltd., Gurgaon (Internship)   *May'17 to Jul'17*

Projects	Description
Tool Design For Warehouse	Proposed a solution to save the power consumption of warehouse using energy saving equipment (Like LED, CFL). The Existing lighting system is replaced by proposed lighting system on the basis of lux requirement and energy saving equipment.
Shipment Cost and Container Optimization	- The chief emphasis of the project is to reduce the shipment cost and number of containers. - Carried out preprocessing (i.e. checking missing values, outliers etc.) on the dataset available having 27693 observations and 43 variables. - Proposed strategic consolidation and loading of CFS/CY volume to improve container utilization.

Academic Projects

Design the User Interface of the online personal banking account application form for HDFC Bank   *Jan'17- Apr'17*
- Designed online application form using wireframe to replace offline account opening system
- HTML5 and PHP were used to create the webpage.
- MySQL was used to create the customer database and for writing data to & reading data from the database tables. Database was created and stored at the IIT Kanpur server.

Predicting Airline Ticket Price using Statistical Regression Model   *Jan'17-Mar'17*
- Carried out Multiple Linear and Nonlinear Regression using R to Predict Airline Ticket Price.
- Average fare and Market shares having a most statistically significant impact on Airline Ticket Price.
- Calculated Measure of Fit, Correlation Matrix, performed Heteroskedasticity Test and checked Omitted variable bias and Multicollinearity using R. Best Model selected was having adjusted R square 0.8149.

A Study of Factors Influencing Crime committed per person in North Carolina   *Mar'17-Apr'17*
- Carried out Panel data Regression using R as an analysis tool to identify Factors influencing Crime committed per person.
- Used Fixed Effect Model, Random effect Model, Pooled OLS model and Between Model. compared results of models using Hausman Test, the best fit model was found to be having the adjusted R Square 0.8438
- Increase in 'Probability of arrest' and 'Probability of conviction' discourage the crime committed per person.

E-Commerce Marketplace for Medicine Sales and Supply   *Mar' 17- Apr'17*
- This project was intended to create the business Model for e-commerce.
- Studied all the Business Model Components of e-Commerce.
- Based on study we had generated idea's for our business model i.e. Marketplace for Medicine Sales and Supply" as a startup.

Position of Responsibility
- Class Representative of IME M.Tech. 2018 batch,IITKanpur.
- Volunteered in Student Placement office for Placement-2016, IITKanpur.
- Volunteered in "Prabandhan 2016- An Annual Management conclave" at IITKanpur.
- Coordinator in "Aayaam 2010- ATechno-Cultural Fest" of SGSITSIndore.
- Coordinator in "Aayaam 2009- A Techno-Cultural Fest" of SGSITSIndore.

Coursework and Skill

Relevant Courses	Statistical Modeling for Business Analytics | Operation Research for Management | Probability & Statistics| Computer Aided Designing System| Data Mining and knowledge discovery | Software project Management| Introduction to E-Commerce |
Technical Skills	R | SQL|HTML (Basic) | MS-office

Achievement/Awards

Academic	Qualified in Gate 2015 in Instrumentation Branch with AIR 1379.
Awards	3rd Ranker in Techonozion competition organized by NIT Warangal in 2010. 1st Ranker in drama competition organized by SVP Indore in 2005.