KALASALINGAM
ACADEMY OF RESEARCH AND EDUCATION
(DEEMED TO BE UNIVERSITY)
Under sec. 3 of UGC Act 1956. Accredited by NAAC with "A" Grade

Anand Nagar, Krishnankoil - 626126, Srivilliputtur (via), Virudhunagar District, Tamilnadu.

APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES

Date of Application:25-12-2020

Department	COMPUTER SCIENCE AND ENGINEERING	Application No.	202020205
Area of Research	MACHINE LEARNING	Research Mode	PART TIME

Name :POKALA RUPA

Date of Birth / Age :06-06-1988 / 32 Years

Gender :FEMALE

Category :BC

e-Mail ID :rupa537@gmail.com

Mobile :9985103524

Father's/Husband's Name	NAGESWARA RAO	Father's/Husband's Occupation	BUSINESS
Family Income	400000	Residental Type	URBAN
Birth Place	ANDRA PRADESH	Mother Tongue	TELUGU
Religion	HINDU	Martial Status	MARRIED
Aadhaar No.	844980435888	PAN No.	CAAPP8346L
Physically Challenged	NO	Type of Disability	-

Address for Communication:
121/6
GVR COLONY
TATTI ANNARAM,NAGOLE
RANGAREDDY DISTRICT
TELANGANA
INDIA
Pin-500068

Permenant Address:
1-202-A-2
LAKSHMI CHENNAKESAWA NAGAR
MARKAPUR
PRAKASAM DISTRICT
ANDRAPRADESH
INDIA
Pin-523316

Qualification

Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
M.TECH	SOFTWARE ENGINEERING	JNTUH	2011	78.44	FIRST CLASS WITH DISTINCTION	REGULAR
B.TECH	CSE	JNTUA	2009	65.22	FIRST CLASS	REGULAR
INTERMEDIATE	MPC	SGMJC	2005	72.1	FIRST CLASS	REGULAR
SSC	SSC	SSC	2003	74	FIRST CLASS	REGULAR

Experience

Organization	Designation	Experience From	Experience TO	Work Nature
CMR INSTITUTE OF TECHNOLOGY	ASSISTANT PROFESSOR	2012-06-25	2020-12-25	TEACHING

Payment Details

Transaction ID	Reference	Date of transaction	Amount	Status
202020205_201225204429	VHDF9594841173	25-12-2020	600	SUCCESS

Early Predictions Of Movie Success Using Machine Learning

Abstract :

The area of creating predictive models using machine learning has increased in size in recent years. The market for movies is still big with hundreds of new movies created every year. The purpose of this proposal is to investigate whether it is possible to classify movie rating and box office revenue with metadata available before release. This was done by building a classification model with metadata obtained from the internet such as, budget and what actors are involved, etc. This research proposes a way to predict how successful a movie will be prior to its arrival at the box office instead of listening to critics and others on whether a movie will be successful or not. This research provides a quite efficient approach to predict IMDb score on IMDb Movie Dataset. The precision of the predictions can further be increased with a larger data set with more features.

Introduction:

Film industry involves huge investment in terms of money, time, effort and people. So, it is vital to predict success and failure of movie. For this purpose, Internet Movie Database is used that contains categorical and numerical data. Different algorithms are applied in this dataset to calculate IMDb score. IMDb score is nothing but a measure that predicts success and failure of movie accurately before actual release of the movie. In this work, Machine Learning algorithms are used for prediction purpose. Machines learning determines new algorithms from the previous experiments. Nowadays, hundreds of movies are get produced every year. The movie sector is a massive sector for investment but larger the business sectors, more is the complexity, and it is hard to choose how to invest wisely. Furthermore, significant investments come with more significant risks. As film industry is growing too fast, sufficient amount of data is available on the internet. This makes it an exciting as well as interesting field for data analysis. Predicting a movie's box office success is a very complex but essential task to perform. The definition of success of a movie is not fixed. It is relative. Some movies can be called as successful based on their gross income while some movies can snot be. There are many factors responsible in predicting success of movies. Instead of predicting only hit or flop movies, we can classify a film based on the profit it is making on box office into one of five categories such as super flop, flop, average, hit, super hit. Among them, there exist both good movies and flop ones. Therefore, the main question is how to know quality of movie before actually watching it or how can we choose a best movie to watch and relax on our weekends? Most of the time, we will check the movie score or have a look at its review to make right choice. IMDb website is really a good choice to refer at this time. Due to its popularity, IMDb website provides a great deal of information about movies and their views from movie viewers. The scores that IMDb gives are highly recognized by the audiences which represent the quality of content as well as audience's favor towards it. Therefore, in this project, we will try to unveil some of the important factors influencing the IMDb score and propose an efficient approach to predict success and failure of movie. In recent years, movie ratings are

influenced by several factors such as actor, story, release date, likes by viewers, etc. These factors produces proper prediction about ratings for the new movies being released. There also have been numerous semantic analysis techniques to analyse user reviews which were applied to analyse the IMDb movie score. In this project, we use the IMDb dataset to predict whether the movie has made a profound impact on our society or not. Cinema is one among the foremost powerful media for mass communication within the world. Cinema has the capability to influence society each regionally and globally. Many different kinds of movies are produced each year. Some movies portray historical events, some illustrates a culture, whereas some give fantasy, and some do many more. We have a tendency to perform associate exploratory analysis of the data and observe some attention grabbing phenomenon, which also helps us to make our prediction strategy better. Also we will come to know about the features which affect the IMDb score.

The first step is to identify a dataset of movie data which is suitable for analysis. Relevant attributes need to be selected from the movie data. Attributes can be general pre-production information regarding film productions such as movie title, sequel, genre, language and information about writers, actors, and directors. Similarly, the data must include some measure of success, such as user movie ratings. Secondly, the relevant dataset has to be prepared and structured in such a way that the data used is representative of the movie scene at large, as well as suitable for analysis by the relevant machine learning techniques and algorithms. Further, correlation is performed on relevant dataset to find the relationship between al the variable with each other. The important step in training oursystem is to apply classification model. There are many classifiers. Lastly, the prediction performance of the relevant machine learning algorithm has to be evaluated on the dataset in order to determine success and failure of movie accurately

Conclusion:

In this research, the systematic approach towards some efficient strategies for movie success and failure prediction is presented using machine learning. The IMDB is an interesting dataset to analyze. A movie success does not only depend on features related to movies. Number of audiences plays a very important role for a movie to become successful. Because the whole industry is about audiences. The whole industry will make no sense, if there are no audience to watch movie. Number of ticket sold during a specific year can indicate the number of audiences of that year.

By

P.Rupa

CC031391

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

KAKINADA - 533 003, ANDHRA PRADESH, INDIA

Ms. Pokala Rupa

D/o. Nageswararao

having fulfilled the academic requirements and passed the examination

held during *May 2009* in **First Class**

has this day been admitted by the executive council to the degree of

Bachelor Of Technology

(Computer Science & Engineering)

Given under the Seal of the University

HTNo : 05351A0537

Date : 27 February, 2013

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
HYDERABAD - 500 085, ANDHRA PRADESH, INDIA

RF 426460

College Code: 50 (S M C E T, DESHMUKHI)

Ms. *Pokala Rupa*

D/o. Mr. *Nageswararao*

having fulfilled the academic requirements and passed the examination held during *September - 2011* in *First Class With Distinction* has this day been admitted by the Executive Council to the Degree of

Master of Technology

Software Engineering

Given under the Seal of the University

H. T. No: 09D01D2509

Date: 07-05-2012

REGISTRAR

VICE - CHANCELLOR

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
HYDERABAD - 500 085, ANDHRA PRADESH, INDIA

CONSOLIDATED MARKS MEMO / CREDIT SHEET

Master of Technology- SOFTWARE ENGINEERING

C.M.M. No. **C 0117587**

Serial No. 20175000113

Name **POKALA RUPA**

Hall Ticket No. **09D01D2509**   Year of Admission **2009-2010**

Name of the College **S M C E T, DESHMUKHI**

Month & Year of Final Exam **September, 2011**

Class Awarded **FIRST CLASS WITH DISTINCTION**

S.No	SUBJECT TITLE	Int. Marks	Ext. Marks	Total Marks	Pass(P)/Fail(F)
	Maximum Marks in Theory	40	60	100	
	Maximum Marks in Lab	40	60	100	

I SEMESTER

S.No	SUBJECT TITLE	Int. Marks	Ext. Marks	Total Marks	Pass(P)/Fail(F)
1	SOFTWARE REQUIREMENTS AND ESTIMATION	40	24	64	P
2	OBJECT ORIENTED MODELING	39	27	66	P
3	SOFTWARE PROCESS AND PROJECT MANAGEMENT	38	30	68	P
4	JAVA AND WEB TECHNOLOGIES	39	25	64	P
5	WIRELESS NETWORKS AND MOBILE COMPUTING	40	41	81	P
6	INFORMATION RETRIEVAL SYSTEMS	34	41	75	P
7	JAVA AND WEB TECHNOLOGIES LAB.	36	56	92	P
8	SEMINAR	45	-	45	P

II SEMESTER

S.No	SUBJECT TITLE	Int. Marks	Ext. Marks	Total Marks	Pass(P)/Fail(F)
1	DISTRIBUTED COMPUTING	40	40	80	P
2	SOFTWARE QUALITY ASSURANCE AND TESTING	37	45	82	P
3	SOFTWARE ARCHITECTURE AND DESIGN PATTERNS	38	46	84	P
4	SERVICE ORIENTED ARCHITECTURE	38	38	76	P
5	MULTIMEDIA AND RICH INTERNET DEVELOPMENT	36	29	65	P
6	INTRODUCTION TO NEURAL NETWORKS	38	38	76	P
7	UML AND SOFTWARE TESTING LAB	37	58	95	P
8	SEMINAR - II	47	-	47	P

III SEMESTER

S.No	SUBJECT TITLE	Int. Marks	Ext. Marks	Total Marks	Pass(P)/Fail(F)
1	COMPREHENSIVE VIVA - VOCE	-	95	95	P

(Comprehensive VIVA External= 100)

IV SEMESTER

S.No	SUBJECT TITLE	Int. Marks	Ext. Marks	Total Marks	Pass(P)/Fail(F)
1	PROJECT WORK*	-	B	-	P

(* A - Excellent, B - Good, C - Satisfactory, D - Un Satisfactory)

Aggregate Marks Secured : **1255 OUT OF 1600 (78.44%)**

Date of Issue **October 28, 2011**

(see overleaf for Rules concerned to award of class)

CONTROLLER OF EXAMINATIONS

(*Courses registered but not counted for calculation of aggregate)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

KAKINADA - 533 003, ANDHRA PRADESH, INDIA

CONSOLIDATED MARKS MEMO / CREDIT SHEET

K00005706   Bachelor of Technology   Computer Science and Engineering

Name: **POKALA RUPA**

Hall Ticket No: **05351A0537**

Year of Admission: **2005 - 2006**

Name of the College: DR. SAMUEL GEORGE INSTITUTE OF B. TECH

B.Tech 2009

Class Awarded: **First Class**

I YEAR

S.No	COURSE TITLE	INT MARKS	EXT MARKS	TOTAL	CREDITS	S.No	COURSE TITLE	INT MARKS	EXT MARKS	TOTAL	CREDITS
1	APPLIED PHYSICS					2	BASIC ELECTRICAL ENGG	16	28	44	4
3	C-PRG.&DATA STRUCTURES	14	50	64	4	4	ELECTRONIC DEV & CKTS	14	43	57	6
5	ENGLISH	14	37	51	6	6	MATHEMATICAL METHODS	16	43	59	6
7	MATHEMATICS - 1	17	42	59	4	8	COMPUTER PROGRAMMING LAB	20	45	65	4
9	ELECTRICAL & ELECTRONICS LAB	15	49	65	6	10	ENGG. DRAWING PRACTICE LAB	22	37	59	4
11	ENGLISH LANG.COMM.SKILLS LAB	21	42	63	4	12	IT WORK-SHOP	22	42	64	4
		25	44	69	4						

II YEAR

S.No	COURSE TITLE	INT MARKS	EXT MARKS	TOTAL	CREDITS	S.No	COURSE TITLE	INT MARKS	EXT MARKS	TOTAL	CREDITS
1	ADVANCED DATA STRUCTURES	17	33	50	4	1	DESIGN&ANALYSIS OF ALGORITHMS	16	31	47	4
2	COMPUTER ORGANIZATION	13	33	46	4	2	ENVIRONMENTAL STUDIES	16	36	52	4
3	DATA BASE MAGT. SYSTEMS	14	35	49	4	3	MICROPROCESSORS & INTERFACING	15	31	46	4
4	DIGITAL LOGIC DESIGN	15	49	64	4	4	OOPS THROUGH JAVA	16	28	44	4*
5	MATHEMATICAL FOUN. OF COMP.SCIENCE	17	35	52	4	5	PRINCIPLES OF COMMUNICATIONS	16	39	55	4
6	PROBABILITY & STATISTICS	15	35	50	4	6	SOFTWARE ENGINEERING	18	28	46	4
7	ADV. DATA STRUCTURES (C++) LAB	21	43	64	2	7	JAVA LAB	24	46	70	2
8	DATA BASE MAGT.SYSTEMS LAB	21	42	63	2	8	MICROPROCESSORS LAB	23	38	61	2

III YEAR

S.No	COURSE TITLE	INT MARKS	EXT MARKS	TOTAL	CREDITS	S.No	COURSE TITLE	INT MARKS	EXT MARKS	TOTAL	CREDITS
1	COMPUTER NETWORKS	15	30	45	4*	1	COMPILER DESIGN	16	47	63	4
2	FORMAL LANGUAGES&AUTOMATA TH.	17	51	68	4	2	COMPUTER GRAPHICS	16	34	50	4
3	MANAGERIAL ECO &FINANCIAL ANA.	15	49	64	4	3	INFORMATION SECURITY	14	38	52	4
4	OBJECT ORIENTED ANALYSIS & DESIGN	18	41	59	4	4	NEURAL NETWORKS	17	38	55	4
5	OPERATING SYSTEMS	17	28	45	4	5	SOFTWARE TESTING METHODOLOGIES	15	51	66	4
6	PRINCIPLES OF PROG. LANGUAGES	17	40	57	4	6	UNIX PROGRAMMING	18	37	55	4
7	COMP.NETWORKS&OPERATING SYS LAB	24	48	72	2	7	INFORMATION SECURITY LAB	22	45	67	2
8	UML LAB	23	47	70	2	8	UNIX PRG.&COMPILER DESIGN LAB	23	46	69	2

IV YEAR

S.No	COURSE TITLE	INT MARKS	EXT MARKS	TOTAL	CREDITS	S.No	COURSE TITLE	INT MARKS	EXT MARKS	TOTAL	CREDITS
1	CLIENT SERVER COMPUTING	18	47	65	4	1	E-COMMERCE	19	41	60	4
2	DATA WAREHOUSING & DATA MINING	19	41	60	4	2	HUMAN COMPUTER INTERFACE	20	39	59	4
3	EMBEDDED SYSTEMS	19	31	50	4	3	MANAGEMENT SCIENCE	20	42	62	4
4	MOBILE COMPUTING	20	42	62	4	4	SEMINAR	49	—	49	2
5	SOFTWARE PROJECT MANAGEMENT	19	33	52	4	5	INDUSTRY ORIENTED MINI PROJECT	—	48	48	2
6	WEB TECHNOLOGIES	18	44	62	4	6	PROJECT WORK	39	157	196	12
7	EMBEDDED SYSTEMS (LAB)	24	47	71	2						
8	WEB TECHNOLOGIES (LAB)	23	43	66	2						

Number of Credits registered for: **224**

Aggregate Marks Secured for best: **216** Credits **3408** out of **5225** (**65.22 %**)

Date of Declaration of Result: **June 16 2009**

(*Courses registered but not counted for calculation of aggregate)

CONTROLLER OF EXAMINATIONS

Sl No. E612026

Board of Intermediate Education, A. P.

INTERMEDIATE
PASS CERTIFICATE CUM MEMORANDUM OF MARKS

This is to certify that **POKALA RUPA** daughter

of **NAGESWARARAO**

Registered No. **050752657**

Examination **MARCH-2005** in FIRST DIVISION

with **ENGLISH**

The subjects in which she

Subject		I Year		II Year	
Part 1	ENGLISH	100	081	100	074
Part 2	SANSKRIT	100	087	100	092
Part 3 Optional Subjects	MATHEMATICS - A	075	056	075	051
	MATHEMATICS - B	075	048	075	031
	PHYSICS	060	036	060	044
	CHEMISTRY	060	034	060	045
	PHYSICS PRACTICAL			030	014
	CHEMISTRY PRACTICAL			030	028

Total Marks In Figures	721 ⇨ 721
In words	"SEVEN"TWO"""ONE"
Date	25-04-2005

050752657

BOARD OF SECONDARY EDUCATION
ANDHRA PRADESH

SECONDARY SCHOOL CERTIFICATE

BB 579302   PRIVATE   PO/16/05698647

CERTIFIED THAT **POKALA RUPA**

D/O NAGESWARARAO   Bearing Roll No 1182961

belongs to   Z P HIGH SCHOOL(BOYS), MARKAPUR

has appeared and PASSED at the SSC EXAMINATION held in MARCH-2003 in FIRST

Division with   **ENGLISH**   as the medium of Instruction.

DATE OF BIRTH OF THE CANDIDATE		DAY	MONTH	YEAR
	06/06/1988	ZERO SIX	JUNE	ONE NINE EIGHT EIGHT

THE CANDIDATE SECURED THE FOLLOWING PERCENTAGE OF MARKS

SUBJECT		Marks Secured (in figures)	Marks Secured (in words)
FIRST LANGUAGE : HINDI		74	SEVEN FOUR
THIRD LANGUAGE : ENGLISH		62	SIX TWO
MATHEMATICS :		95	NINE FIVE
GENERAL SCIENCE :		77	SEVEN SEVEN
SOCIAL STUDIES :		82	EIGHT TWO
TOTAL :		390	(THREE NINE ZERO)
SECOND LANGUAGE (SPL. ENGLISH)		54	FIVE FOUR
GRAND TOTAL :		444	(FOUR FOUR FOUR)
Life Skills Education :		Grade Secured	

Identification Marks : 1 A mole on the throat

2 A mole on the right side of the head bone

Gazetted Head Master
ZILLA PARISHED HIGH SCHOOL (B)
MARKAPUR-523 3

SECRETARY
BOARD OF SECONDARY EDUCATION
A.P. HYDERABAD

2003

ST. MARY'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Permitted by Govt. of AP, Affiliated to JNTU-Hyderabad)

Deshmukhi Village, Pochampally Mandal, Nalgonda Dist - 508 284 A.P. INDIA

ORIGINAL

TRANSFER CERTIFICATE

Date : 26-11-2011

S. No. 730

1. Name of the Student _Pokala Rupa_

2. Name of the Father / Guardian _Nageswara Rao_

3. Nationality _Indian_ Community _____

4. Date of Birth _06-06-1988 (Sixth June Nineteen Eighty Eight)_

5. Year of Admission _2009_

6. Hall Ticket No. _09D01D2509_

7. Course _M.Tech_ Branch _SE_

8. Date of Leaving _26-11-2011_

9. Conduct _Good_

10. General Remarks _____

Clerk

Incharge

PRINCIPAL
St. Mary's College of Engineering and Technology
Deshmukhi
St. Mary's College of Engg. & Tech.
Deshmukhi (V), Pochampally (M),
Nalgonda Dist - 508 284.

Date: <u>01.06.2012</u>

APPOINTMENT ORDER

Sub: Proceedings – CMRIT, Kandlakoya (V), Medchal Road, Ranga Reddy Dist-501401 AP – Appointment of Teaching / Non-Teaching Faculty on regular basis – Reg.

Ref: Proceeding of the Selection Committee minutes dated: <u>06.05.2012.</u>

* * *

On the recommendation of selection committee **Ms. P. Rupa** is appointed as <u>**Assistant Professor**</u> in <u>**CSE**</u> Department with the pay scale Rs. <u>**8000-275-13500**</u> and starting basic pay is Rs. <u>**8,000/- + 50%**</u> <u>**Merged DA**</u> per month. The scale carries usual allowances admissible by the college / Affiliating University. The appointee shall be on probation for a period of two years incase of starting cadre / one year in case of senior cadre with effect from the date of joining. *Rendering one year service is mandatory.*

The employee should report to the Principal on or before <u>**25-06-2012**</u> and submit all original certificates such as qualifying education, experience, relieving orders from Ex-employer, birth certificate , Caste Certificate if applicable etc. along with one set of Xerox copies, failing which the appointment is liable to be cancelled.

The employee shall be drawing the next increment after completion of 12 months of satisfactory service. The employee in addition to the terms and conditions of employment specifically stated here in also is governed by the rules, regulations and such other practices, system, procedures and policies framed, amended, modified or omitted by the institute from time to time.
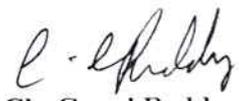
Ch. Gopal Reddy
Secretary & Correspondent

Copy to:
1. Personal File
2. Establishment File

To
Ms. P. Rupa,
D.No:1/202-G, Park Line,
Lakshmi Chenakesawa Nagar,
Markapur, Prakasam – 523 316.

Received my original
01/6/2012.

JOINING REPORT

From: Date: 25-06-2012
Ms. P. Rupa,
D.No:1/202-G, Park Line,
Lakshmi Chenakesawa Nagar,
Markapur, Prakasam – 523 316.

To

     The Principal
     CMR Institute of Technology,
     Kandlakoya, Medchal Road,
     Hyderabad – 501 401.

Respected Sir,

     Sub: Joining Report for the post of **Assistant Professor** in the Dept. of **CSE** - Reg.
     Ref: Your appointment letter dated 01.06.2012.

     With reference to the above subject, I am pleased to accept the offer and happy to join as a **Assistant Professor** in the Dept. of **CSE** of your esteemed organization from today i.e. **25.06.2012**. I will obey the rules and regulations of the Institution and also perform my duties sincerely and honestly.

     Thanking you Sir,

Accepted

25/6/12

Yours faithfully,

15/6/2012

आयकर विभाग
INCOME TAX DEPARTMENT

भारत सरकार
GOVT. OF INDIA

POKALA RUPA

NAGESHWARA RAO POKALA

06/06/1988

Permanent Account Number

CAAPP8346L

Signature

25082012

P. Rupa

భారత ప్రభుత్వం
GOVERNMENT OF INDIA

పొకల రూప
Pokala Rupa

పుట్టిన సంవత్సరం/Year of Birth : 1988

స్త్రీ / Female

8449 8043 5888

ఆధార్ - సామాన్యుని హక్కు

ANNEXURE-I

<u>CERTIFICATE FROM THE ORGANISATION WHERE THE CANDIDATE IS EMPLOYED</u>

Certified that Mrs. <u>P. Rupa</u> is employed as <u>Assistant Professor</u> (Designation) in the <u>Computer Science and Engineering</u> (Department/Division Name) of <u>CMR Institute of Technology, Hyderabad</u> (Institution/Industry Name).

We have no objection in forwarding his application for the Ph.D. Research Programme.

FOR FULL TIME:

The candidate will be sanctioned leave for the duration of the research programme and will be relieved from duty from _____ to _____ to undertake the full time research work in the University.

FOR PART TIME:

The candidate will be permitted to undertake part time study in the University/College and will be allowed to be present for discussions with the supervisor, attending course works, conduct of experiments and participations in seminars and related presentations. Further the required facilities at our organization will also be provided to the candidate for doing research.

Date: 10-12-2020   Signature of the Head of Organization with office seal